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New Developments in Old Time Favorites

Livingston's New Wilt-resistant Asters (See pages 26 to 28) New Rust-proof Snapdragons (See page 32)

LIVINGSTON'S 1937 SEED ANNUAL

THE LIVINGSTON SEED COMPANY

Famous for Best Seeds Since 1850

32-36 EAST SPRING STREET - - - - - COLUMBUS, OHIO

Livingston's Yellow Supreme Marigold
Gold Medal, All-America Selections, 1935

All-Double Petunia
Award of Merit, All-America Selections, 1934

Fantasy Zinnia Mixed Colors
Award of Merit, 1935

Orange Flare Cosmos
Gold Medal, 1935

Star Dust Zinnia (Fantasy Type)
Award of Merit, All-America Selections, 1937

Gleam Hybrid Nasturtiums
Award of Merit, 1935

Guinea Gold Marigold
Gold Medal, 1933

Livingston's Grand Parade of Champions

Seven Popular All-America Selections

The Seven All-America Flower Winners, illustrated in color at left, are our selections as entries in our 1937 Grand Parade of Champions. All except one (Star Dust Zinnia) are, through past performance, worthy of a place on this team and all are deserving of a place in your garden.

Livingston's Full "Carnation-Flowered"

Marigold "Yellow Supreme"

GOLD MEDAL, ALL-AMERICA SELECTIONS, 1935

Developed and Introduced by Livingston's

3934 Most talked about introduction of recent years; a large, fluffy, well-rounded bloom with broad, loose, frilled petals of a rich, creamy lemon-yellow color—**and the first Marigold flower to have a pleasing fragrance.** Unsurpassed cut-flower and exhibition variety as testified by growers and Garden Clubs (See page 3). After cutting, holds freshness fully 10 days and takes on an even more delightful color and graceful form.

Plants, 24 to 30 inches; healthy, vigorous and free branching with foliage practically free from odor. Originated and bred in Ohio; fully acclimated to Northern, as well as Southern, climatic conditions. A dazzling beauty that will give you a delightful surprise.

Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.; oz. $1.25

Notice! Garden Clubs: See Special "Yellow Supreme" Club Offer on Page 3.

All-Double Giant Petunia

Award of Merit, 1934

An unapproached improvement in this flower. Comes 100% true double with less than 25% medium sized doubles, termed "Carnation Flowered." Our trials substantiate this statement. The flowers are large, beautifully fringed and ruffled and contain a good range of brilliant and suffused colors. You'll truly love them. Two strains, tall and dwarf, are offered. The blooms are identical; they differ only in habit of growth. Give the small, weak plants great care; they make the finest blooms.

5063 **Dwarf, Mixed. Pkt., 50 cts.; ½ Pkt., 30 cts.**
5067 **Tall, Mixed. Pkt. 50 cts.; ½ Pkt. 30 cts.**

Fantasy Zinnia

Award of Merit, 1935

6469 **Mixed.** Most striking new Zinnia in many years. It is of the curled and crested type, with blooms of medium size having shaggy ray-like petals giving it a delicate and refined appearance. Color range includes reds, yellows, orange and pastel pinks and creams. Plants are 2 to 2½ feet tall, free-flowering.

Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Star Dust Zinnia

Fantasy Type, Award of Merit, 1937

6468 To those who definitely like informal types, Star Dust will be welcomed with enthusiasm. It has a shaggy-petaled, medium-size flower — a delicate graceful bloom. Color is a rich deep golden yellow, one of the vibrant shades closely associated with Zinnias. The plants are 2½ to 3 feet tall, free flowering and early blooming. We predict much popularity for this variety.

Pkt., 25 cts.; 1/16 oz., 35 cts.; ⅛ oz. 65 cts.

INTERESTING THINGS ON THE FOLLOWING PAGES
Bargain Counter, Lawn Seeds, Vegetable Specialties, Tomatoes, Insecticides, Garden Gadgets, Gladiolus, Dahlias, Special Flower Blends, New All-America Flowers.

Orange Flare Cosmos

Gold Medal, 1935

3565 **Early Klondyke Hybrid.** One of the most discussed introductions of recent years. An early flowering strain, blooming in about four months from sowing seed; a Cosmos feature before unknown in the flower world. It continues to bloom profusely until frost. The color is a deep, vivid orange supported by light green foliage. Plants are 2 to 3 feet tall with long, wiry stems.

Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

Guinea Gold Marigold

Gold Medal, 1933

3935 **Reselected Strain.** The first introduction of the loose petaled types. Created a sensation at that time and since regarded as a favorite in most gardens. A brilliant orange flower flushed with gold, practically 100% semi-double and double, ruffled, with loose placed petals. Has graceful, pyramidal habit of growth, 2 to 2½ feet high, with many flowers to a plant. The characteristic Marigold odor is less noticeable in this variety.

Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.; oz., 75 cts.

Gleam Hybrid Nasturtiums

Award of Merit, 1935

4110 **Double Mixed.** A collection of gorgeously colored, large, double flowers of dazzling beauty; the fountain head from which is issuing the Nasturtiums of tomorrow. The blooms of many bright colors are borne on long, wiry stems and have a pronounced sweet fragrance. Plants are semi-dwarf with short runners.

Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.

"Grand Parade" Collection

If you wish a packet each of the 7 varieties described above send a..... **$1.** Bill

See Page 2 For Livingston's Special Gift Offers

Livingston's Special GIFT OFFERS

10c Value With Each $1.00 Worth of Seeds Purchased

Your Own Selection as specified below

HOW TO QUALIFY FOR THIS GIFT OFFER

You may select 10 cts. worth of seeds extra as a gift with each $1.00 worth of vegetable and flower seeds purchased at prices in this catalog in **packets, fractions of ounce, ounces and collection offers** but not including ¼ **pounds and larger seed packages, bulbs and other items listed herein.** If you purchase $2.00 worth, select 20 cts. worth; if you purchase $3.00 worth, select 30 cts. worth and so on.

See Additional Gift Offer At Right

REMEMBER! Just observe these things below and we guarantee to fill your gift order quickly and to your complete satisfaction:

1—The order must amount to at least $1.00 to qualify for the seed gift and $1.50 to qualify for both gifts.

2—The size packages that can be counted to qualify are Packets up to Ounces and Collection Offers.

3—While you may purchase larger packages as quoted herein, Bulbs and other garden items they cannot be counted in qualifying for these gifts.

4—This offer does not mean that you can take a 10% discount on your purchase.

5—This offer applies only to purchases at prices in this catalog.

6—After making out your order specify thereon the gifts to which you are entitled. Don't forget to do this; we want you to have them.

Here is an Additional GIFT OFFER

"My Pocket GARDEN GUIDE"

Size 6¾x4 In.

In addition to the Seed Gift Offer if your order amounts to $1.50, or more, figured the same as specified at left, we will also include this pocket size folder "My Pocket Garden Guide" illustrated above, upon request. If you are entitled to it please ask for same on your order.

WHAT IT IS

"My Pocket Garden Guide" is a handy, double, pocket size folder containing 24 interesting garden leaflets, written by our staff of experienced, practical gardeners, treating many garden subjects in a clear, easily understood manner. An instructive and interesting addition to your garden library.

Russel Stromberg, Chisago Co., Minn.: *"The leaflets which you provided proved interesting and helpful."*

Miss Grace E. Hundley, Clay Co., Ill.: *"My seeds arrived promptly and the leaflets are so good."*

If necessary, why not get a neighbor to help you qualify for these Free Gifts?

Mail Order Facts

We pay postage on all seeds as outlined below. And, at no increase in price, too, thereby meaning a saving to you.

We are located within 100 feet of the Parcel Post Office and 50 feet of the Express Office. We can place shipments on any train or plane during the day.

We operate a Special Rush Dept. for those who need seeds in a hurry. If you are in a hurry mark your order "Rush" and see.

Our central location is a distinct mail order advantage to you. We reach a large percentage of the people in the U. S. A. almost over night.

Important Ordering Suggestions

FREE TRANSPORTATION ON ALL SEED ANYWHERE IN THE UNITED STATES

All seeds (Excepting Peas, Beans and Corn, as noted on pages 60, 69 and 84) quoted in this Catalog are now shipped by Parcel Post, Express or Freight, whichever rate is lower, all transportation and packing charges paid by us. The only items on which you must figure or pay transportation are those marked "Not postpaid," and they are few. C.O.D. and money order return fees are not considered as transportation charges and, therefore, must be paid for by the customer. Avoid them by sending remittance with order. Bulk seeds, such as Peas, Beans and Corn, in quantities, are shipped to your nearest express or freight office, transportation paid, except as noted on pages 60, 69 and 84. If you wish them shipped by Parcel Post, please send necessary postage.

SHIPPING ORDERS. When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in routing. Goods on which we pay transportation are shipped at our option.

SEND MONEY. Remittance should always accompany the order. Remittances may be made at **our risk** by any of the following methods (1st and best) **Post Office Order;** (2d) **Bank Draft or Check;** (3d) **Express Company Money Order;** (4th) **Registered Letters.** Cash or stamps are sent at purchaser's risk. While we accept stamps in payment, the Postal Department asks us to discourage their use.

AN ORDER BLANK and ENVELOPE are in the rear of this Catalog for your convenience. Additional Order Blanks and Envelopes will be sent on request. Print or write your Name, Post-Office, County, and State plainly. If you have moved, give us your old address and we will change our mailing-list.

WE GUARANTEE the safe arrival of your seeds. We guarantee to refund your money or give value in other seed if, after properly testing at time of receipt, our seeds fail to grow. Our germination test is printed on all packages (not packets) we send out.

NON-WARRANTY. Contingencies continually arising prevent the very best seeds always giving satisfaction. For these reasons, it is impossible to guarantee seeds under all circumstances; therefore We, The Livingston Seed Company, give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we sell, and will not be in any way responsible for the crop.

PARCEL POST RATES. Where you must remit postage ask your postman what zone you are in from Columbus, and using the figures under that zone, multiply the number of pounds by the first figure and add the second and remit that amount in cents. Fractions of a cent count as a full cent.

1st & 2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
1.1 & 8	2 & 7	3½ & 6½	5.3 & 5.7	7 & 5	9 & 5	11 & 4

Complete vegetable section begins on page 58

Contest Offer to Garden Clubs

By Popular Request This Offer is Repeated for the Fourth Time

We are glad to report that in 1936 more than three times as many clubs (in 36 different states and Canada) took advantage of this offer than in 1935. We have received so many letters of appreciation and admiration for this new Marigold with requests for a repeat offer that we have no choice. While the momentum of accumulated interest is resulting in increased cost we are appreciative of the fine spirit shown and are glad to again be instrumental in adding new interest in garden club activities. We invite any club of ten or more members to consider this offer.

SPECIFICATIONS

Any officially recognized Garden Club is eligible to take advantage of this offer. They should notify us of their intentions not later than May 1, stating which class (A or B as defined at right) they are entering.

To qualify, each member entering must purchase at least a packet of Yellow Supreme Marigold seed (Livingston's original strain) from us at 10 cts. When purchasing give the name and address of each entrant. We will send the seed direct to each if desired.

Prizes shall be awarded to the winners as determined by your own judges. Each contestant can have only one entry and receive only one award. There must be at least four persons show blooms before prizes can be awarded.

We will supply ribbons for this contest and will forward premium certificates upon receipt of the names of the winners. These certificates will be redeemed by us up to June 1st, 1938.

It is to be understood that Livingston's "Yellow Supreme" Marigold will have a separate classification under artistic arrangements or specimen blooms as you choose. No other company or person shall be permitted to offer prizes in this class.

On Livingston's New "Yellow Supreme" Marigold

Gold Medal Winner, All-America Selections, 1935

This new Marigold has overcome the major objections to the Marigold as a cut flower. It has Carnation fluffiness, size, graceful stateliness and is **the first Marigold to have pleasing fragrance.** We have claimed that the foliage is practically free from that objectionable Marigold odor but alongside what horticultural writers (see below) have said this claim appears to be rather modest. It has proven to be such an excellent variety that no one can afford to miss enjoying the delightful thrill of its dazzling beauty. Illustrated in color on inside front cover and fully described on page 1.

PRIZE OFFERS

Class A—No Less than 15 Entries.

Six blooms or more in artistic arrangement or specimen blooms as your club may choose.

First Prize—Blue Ribbon and Premium Certificate, value $3.00 in flower or vegetable seeds absolutely free.

Second Prize—Ribbon and Premium Certificate, value $2.50 in flower or vegetable seeds for $1.25 cash.

Third Prize—Ribbon and Premium Certificate, value $2.00 in flower or vegetable seeds for $1.00 cash.

Fourth Prize—Ribbon and Premium Certificate, value $1.50 in flower or vegetable seeds for 75c cash.

Class B—No Less than 10 Entries.

Six blooms or more in artistic arrangement or specimen blooms as your club may choose.

First Prize—Blue Ribbon and Premium Certificate, value $2.50 in flower or vegetable seeds absolutely free.

Second Prize—Ribbon and Premium Certificate, value $2.00 in flower or vegetable seeds for $1.00 cash.

Third Prize—Ribbon and Premium Certificate, value $1.50 in flower or vegetable seeds for 75c cash.

Fourth Prize—Ribbon and Premium Certificate, value $1.00 in flower or vegetable seeds for 50c cash.

Enthusiastic Reports from Garden Clubs and Writers

Mrs. Leland E. Coons, Germantown Garden Club, Germantown, New York: *"I am sending one of our schedules to give you an idea how large our shows are. The "Yellow Supreme" Class added greatly to the show. I think it's the most beautiful Marigold that grows and your seeds the best obtainable."*

Miss Ursula Griffith, Chairman of the Community Garden Club, White House Station, New Jersey: *"This class brought extra interest to our show and was of special pleasure to the club members to whom it was restricted."*

Mr. Paul Bernd, Secretary of the Garden Lovers Club, Detroit, Michigan: *"Accept the most sincere thanks of everyone of our Garden Lovers. We are most grateful for the opportunity presented by your generosity. The special Livingston Yellow Supreme Marigold Class was one of the bright spots of our fall Show and the competition was very close."*

Mrs. Mell Knox, Social Circle Garden Club, Social Circle, Ga.: *"The Yellow Supreme Marigold contest of the Social Circle Garden Club was a great success and the exhibit attracted much attention and most favorable comment."*

Mrs. J. Edward Lewis, Oak Hill Garden Club, Oak Hill, West Va.: *"All the specimen Marigolds entered were so fine in quality that the judges had a very difficult time choosing the winners. Members of the Club are quite enthusiastic about your Yellow Supreme Marigold and appreciate the opportunity of competing for the prizes offered by your Company."*

Mrs. Geo. C. Steedman, Grandin Court Garden Club, Roanoke, Va.: *"The twenty that were exhibited, did not only our club credit but also you. I don't believe your test gardens could have had finer Marigolds. Some of Mrs. Dooley's, who took first prize, were five inches across."*

Mrs. E. Clay William, President of the Smithville Garden Club, Smithville, Texas: *"The Yellow Supremes were the sensation of the show. The first prize entry was five inches across. We are enthusiastic over this lovely flower and hope to hold a contest again next year."*

Mrs. Malcolm Siar, Library and Garden Club, Summerville, Pa.: *"Will say that the Yellow Supreme Marigolds were a decided success."*

Mrs. W. B. Rath, Secretary of the Kennedy Township Unit, Coraopolis, Pa.: *"We all thank you for making possible this contest as it created new interest in our club."*

Mrs. Chas. A. Braham, President of the Brooklyn Garden Club, Cleveland, Ohio: *"This special contest was much enjoyed by those participating and proved to be an interesting feature of the show. The flowers were beautiful. Thank you so much for your splendid cooperation."*

Hazel Hankinson in Better Homes and Gardens Magazine

"In a surprisingly short time this lovely flower has established itself as really dependable. Set close in among other plants, Yellow Supreme has a way of stretching up 4 to 5 feet tall. And the coloring is so delicate and clear that those big blossoms hob-nob with reds, golds, purples, blues, and even magenta—that trial-to-gardeners—with never a clash.

No doubt the fragrance of this marigold is one of the secrets of its popularity. Somewhere in its development, the odorous qualities of its ancestors were whisked away, and the flower came forth not only washed clean of nostril-offense, but with a pleasing scent of its own."

Elizabeth Rawlinson in Horticulture

"Yellow Supreme is such an excellent Marigold that it is difficult to see how the hybridizers can give us any better type for decorative use in the garden and as a cut flower. Its lack of the objectionable Marigold odor will also increase its popularity."

Complete flower section begins on page 26

Bargain Counter Collections

Big

These Collections are made up from the same HIGH QUALITY Seeds as offered throughout this book

If you wish to purchase collections because of the attractive saving we offer that saving here and without sacrificing quality because they are packeted during our slack season in advance of the spring rush and at less expense. Considering the fact that they are made from our **regular sized packets of High Quality Seeds** we firmly believe that they cannot be duplicated.

Bargain Flower Seed Collections

Our Biggest Money-saving Offer Rainbow Collection Of Choice Annuals 75c

Asters, Mixed	Petunia, Mixed
Bachelor's Buttons	Phlox, Mixed
Candytuft, Mixed	Poppies, Mixed
Cosmos, Mixed	Portulaca, Mixed
Dianthus, Mixed	Scabiosa, Mixed
Marigold, Mixed	Sweet Alyssum
Mignonette, Sweet	Antirrhinum, Mixed
Nasturtium, Mixed	Sweet Peas, Mixed
Pansy, Mixed	Zinnia, Mixed

18 Packets—Regular Value $1.75

Exhibition Aster Collection

7 *Packets as outlined on page 28 (Value 70c)* ..... 50c.

Big 3 Aster Collection

Wilt-resistant Varieties

3 *Packets of 3 varieties in mixed colors as offered on page 26* .. 25c.

Annual Cut Flower Collection

Crego Aster, Mixed. Larkspur, S. F., Mixed. Snapdragon, Mixed. Zinnia, Dahlia flwd., Scabiosa, Mixed. Mixed.

5 Pkts. (Value 50 cts.) 40 cts.

Children's Puzzle Mixture

6490 Makes delightful Wild Garden, where children can pick flowers to their hearts' content. Just sow seed outside after frost.

Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

No. 1 All-America Collection

1 packet each of 4 new 1937 All-America Selections (See page 22). 75c

No. 2 All-America Collection

1 packet each of 5 new All-America Selections (See page 23). 75c

Perennial Rock Garden Collection

Fine for the Beginner

3034	Alyssum	3806	Heuchera
3102	Aquilegia	3896	Linum
3110	Arenaria	6065	Primula
3414	Candytuft	6156	Saxifraga
3628	Dianthus	6310	Tunica
3760	Gypsophila	6331	Veronica

Actual Value $1.35

Sent for $1.00, Postpaid

Annual Rock Garden Collection

3018	Ageratum	6052	Portulaca
3032	Alyssum	6000	Phlox
3682	Eschscholtzia	6110	Sanvitalia

Actual Value 65c.

Sent for 50 cts. Postpaid

Spencer Sweet Pea Collection

7 *Liberal Packets, popular kinds as offered on page 54* 35c.

No. 3 Novelty Collection

1 packet each of 5 new flowers as pictured on page 24 (Value $1.05). 85c

No. 4 Novelty Collection

1 packet each of 5 new flowers as pictured on page 25 (Value 70 cts.). 55c

Perennial Collection 50c.

Would cost 70c Separately

3096 Aquilegia	3652 Digitalis
3420 Campanula	3636 Hardy Pinks
3398 Coreopsis	6042 Poppy
3608 Daisy	6294 Sweet William

Bright Array Collection 50c.

Would cost 75c Separately

Alyssum, Mixed	Candytuft, Mixed
Aster, Mixed	Nasturtium, Mixed
Pansy, Mixed	Sweet Peas, Mixed
Phlox, Mixed	Zinnia, Mixed

Scabiosa Collection

9 *Packets, large flowering, as offered on page 52* ..... 75c.

(Value 90c.)

Sunburst Collection of Dwarf Nasturtiums

7 *Packets, all colors as offered on page 47* ..... 25c.

Strawflower Collection

7 *Packets in 7 colors as offered on page 41* ..... 50c.

Bargain Vegetable Seed Collections

Trick Vegetable Collection

Brussels Sprouts; Broccoli; Collards; Kohlrabi; Leeks; Cabbage; Watermelon. 7 Pkts. (See page 9) ..... 25 cts.

Disease-Resistant Vegetable Collection

Sweet Corn; Cabbage; Spinach; Celery and Tomato as offered on page 9. 5 Pkts ..... 30 cts.

Livingston's Big $1.00 Collection "True Blue" Vegetables

26 regular size packets—19 different kinds of vegetables. The biggest vegetable seed bargain in this book. Illustration and complete list of varieties included is given on inside back cover. At this low price we cannot permit substitutions.

$1.00 Postpaid

Special Vegetable Collection

All popular home-garden varieties

Globe Radish	Chantenay Carrot
Simpson Lettuce	Livingston's Giant
Early Wonder Beet	Oxheart Tomato

5 Pkts. (Value 30 cts.) 20 cts.

Special "Greens" Collection

Turnip, Shogoin	Swiss Chard,
Mustard, Giant Curled	Lucullus
	Spinach, Juliana

4 Pkts. (Value 20 cts.) 15 cts.

Beet Collection

3 *Packets as offered on page 62 (Value 15c)* ..... 10c.

Cucumber Collection

3 *Packets as offered on page 70 (Value 15c)* ..... 10c.

Bean Collection

3 Popular varieties; a green pod, a yellow wax pod, a bush lima. See pages 60 to 62 for variety names and descriptions.

1 Pkt. Each 25c.—1 lb. Each 75c.

Vegetable Collection No. 5

6 *Packets of recently introduced varieties as illustrated on page 6* .. 25c.

Vegetable Collection No. 6

6 *Packets of recently introduced varieties as illustrated on page 7* .. 50c.

Garden Pea Collection

3 varieties, an early, medium and late, to supply a succession of Peas through the season. See page 85 for varieties and descriptions.

3 Pkts. 25c—3 ½ lbs. 50c.—3 lbs. 75c.

Lettuce Collection

3 *Packets as offered on page 74 (Value, 15c)* ..... 10c.

Muskmelon Collection

3 *Packets as offered on page 77 (Value, 15c)* ..... 10c.

Onion Collection

3 Popular Southport Globe varieties; red, white and yellow. Fully described on pages 80 and 81.

1 Pkt. Each 10c.—1 Oz. Each 65c.

Quality Lawn Seeds for Beautiful Lawns

PRACTICAL LEAFLET "How to make a better lawn" Sent FREE on Request

Treat Your Lawn To The Best This Year

Your first consideration in a lawn seed mixture should be the "kind of Grass Seeds used." There are hardy, perennial grasses and annual nurse grasses. It is the hardy grasses that ultimately make a good lawn and the large percentage of any good mixture should consist of these perennial grasses, such as Kentucky Blue Grass, Red Top and Chewing's Fescue. The annual grasses are necessary as a nurse for the better grasses but if used to excess do not benefit your lawn, although the mixture sells for less money. Therefore, do not be deceived by the price per pound. If you must choose between quality and quantity, and most of us do these days, choose quality in lawn seed and get some real satisfaction. Let us suggest that you use "Capitol Brand" Mixture this year. You will be pleased with the results.

Livingston's "Capitol Brand" Lawn Seed

Famous for Making Good Lawns Better

Capitol Brand is the formula for a beautiful lawn. The ingredients are the choicest, top-grade grasses suitable for making a beautiful, durable, lasting lawn—always. Germinates quickly and roots deeply; these features enable it to withstand the intense heat of summer and the hard cold of winter. Contains high percentage of heavy, hardy seeds of perennial grasses with small amount of clover and annual nurse grasses; guaranteed free of dandelion and crab grass seeds. Makes thick turf of rich, velvety green. Your lawn, once established with "Capitol Brand," lasts for years. Literally, we lean backwards to make it the best you can buy at near the price. Owing to the high-grade seeds used in this mixture, one pound is sufficient to sow 300 square feet of new lawn.

Pound 50 cts.—3 Pounds $1.35—5 Pounds $2.10
10 Pounds $3.80—25 Pounds or more at 35 cts. per lb.

Transportation paid by Livingston

Kentucky Blue Grass. Used more for lawns than any other grass. Slow to start, however, and should be mixed with other quick-growing dwarf grasses. Dark green in color; forms close, thick turf and is very hardy. Lb. 50 cts.; 3 lbs. $1.35; 5 lbs. $2.10; 10 lbs. $3.80; 25 lbs. or more at 35 cts. per pound. All prepaid.

Red Top. One of the Bent grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places. Drought-resistant. Lb. 50 cts.; 3 lbs. $1.35; 5 lbs. $2.10; 10 lbs. $3.80; 25 lbs. or more at 35 cts. per pound. All prepaid.

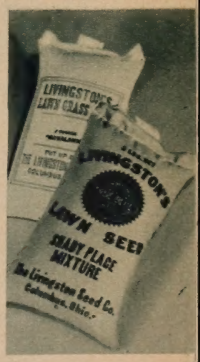
Domestic Rye Grass. Makes quick growth but not permanent lawn. Valuable where quick results are desired. Lb. 35 cts.; 3 lbs. 95 cts.; 5 lbs. $1.25; 10 lbs. $2.10; 25 lbs. or more at 20 cts. per pound. All prepaid.

Timothy. Generally used in mixtures as a nurse for the slower-growing grasses. Lb. 25 cts.; 3 lbs. 65 cts.; 5 lbs. 90 cts.; 10 lbs. $1.60; 25 lbs. or more at 15 cts. per pound. All prepaid.

White Clover. Excellent for lawns when mixed with other grasses; tends to keep crab grass in check. Lb. 60 cts.; 3 lbs. $1.55; 5 lbs. $2.30; 10 lbs. $4.25, prepaid.

Havalawn Mixture

Another mixture that we make and can recommend. Contains same kind of grasses as Capitol. Makes durable turf at least possible expense. Lb. 40 cts.; 3 lbs. $1.05; 5 lbs. $1.55; 10 lbs. $2.80; 25 lbs. or more at 25 cts. per lb. All prepaid.



Shady Place Mixture. Adapted to shaded, unsightly spots. Lb. 60 cts.; 3 lbs. $1.55; 5 lbs. $2.30; 10 lbs. $4.30; 25 lbs. or more at 40 cts. per lb. All prepaid.

Astoria Bent. True creeping bent of high quality. Used on golf greens and in high grade mixtures. Lb. $1.35; 3 lbs. $4.00. All prepaid.

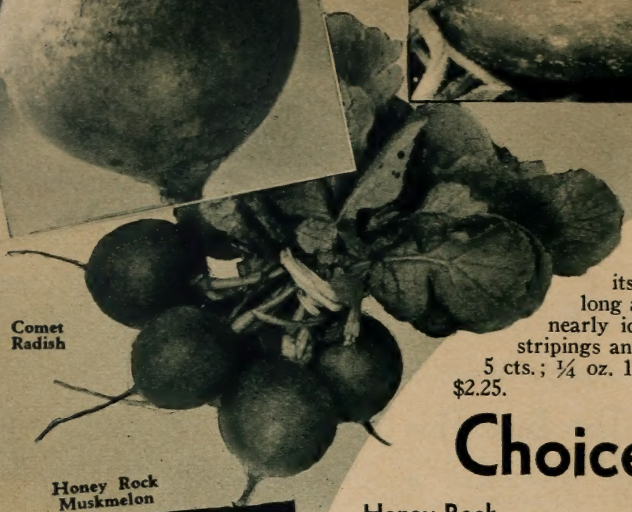
Rough-Stalk Meadow. One of the best for shady places. Lb. 60 cts.; 3 lbs. $1.55; 5 lbs. $2.30; 10 lbs. $4.25; 25 lbs. or more at 40 cts. per pound. All prepaid.

Chewing's Fescue. A valuable grass. Especially good in shady places. Lb. 95 cts.; 3 lbs. $2.70; 5 lbs. $4.25; 10 lbs. $7.75; 25 lbs. or more at 75 cts. per pound. All prepaid.

SPECIAL QUOTATIONS.—We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change.

Perfected Detroit Beet

"Straight 8" Cucumber



Comet Radish

"Straight 8" Cucumber

Gold Medal, All-America Selections, 1935

Under good conditions this new variety typifies its name running quite straight, regularly eight inches long and about 2 inches in diameter. It is rounded at ends, nearly ideal dark green and almost devoid of objectionable stripings and pale tips. Vines are vigorous and productive. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

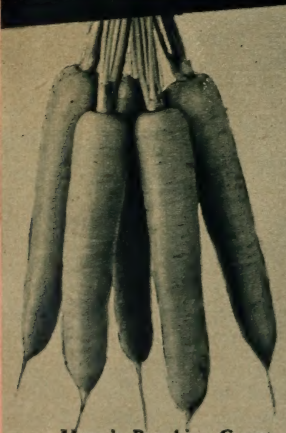
Choice New Vegetables

Honey Rock Muskmelon

Honey Rock Muskmelon

Gold Medal, 1933

A new, outstanding variety. About 6 inches through and as round as a ball. Ideal size for making two servings. Flesh is salmon, very thick, sweet and of excellent quality. A fine variety for home gardeners to try. 78 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.



Morse's Bunching Carrot

New Peerless Parsley

Award of Merit, 1934

A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Vegetable Collection No. 5

One packet of each variety pictured on this page — 6 packets in all.

25c Ppd.

Full Heart Endive

"Perfected Detroit"—A New Beet

Award of Merit, All-America Selections, 1934

Very superior. Comes 90% true to the same shade of dark red and does not show white rings. Roots are globular, smooth and very uniform. Tops are medium and their compact attachment leaves a larger portion of the root edible. Excellent for canning and market use. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

New Comet Radish

Award of Merit All-American Selections, 1936

A new variety that is very promising for home gardens, market use and shipping. A cross between Scarlet Globe and Sparkler. Ball shaped, bright scarlet color with thin taproot. Grows to larger size and remains crisp and solid long after other early varieties have become pithy. Very uniform. We predict great popularity for this variety. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Morse's Bunching Carrot

Gold Medal, All-America Selections, 1934

Developed as a market bunching variety but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color is a deep orange. An excellent sort for home gardeners to try. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

New "Full Heart" Endive

Award of Merit, All-America Selections, 1934

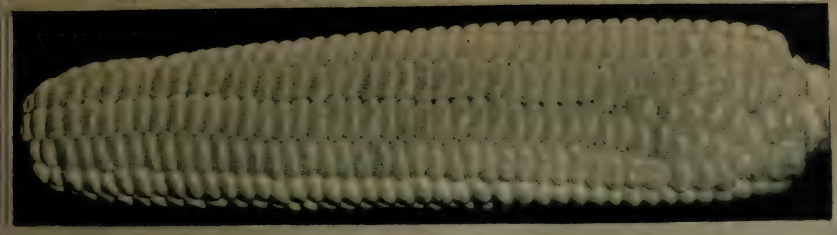
New strain of special merit. Has large head with full heart which blanches easily to a beautiful light yellow. Leaves are broad, twisted and slightly curled on edges and have a rich, dark green color. Earlier than and superior to other Batavian varieties. Try this All-America in your garden. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

Special Summer Savoy Spinach

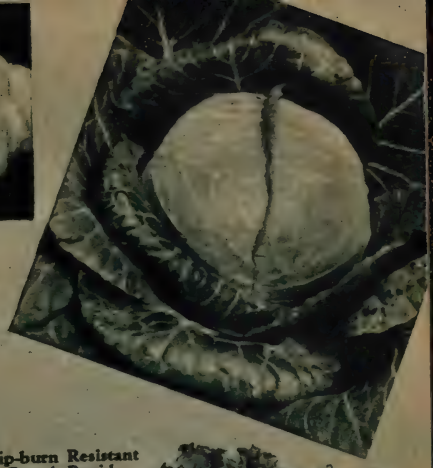
A new strain of Bloomsdale type especially adapted to hot summer growing. It is heavier crumpled and blistered, noticeably darker green and longer standing than Long-Standing Bloomsdale. It does not grow as large and matures somewhat later. It is promising to prolong the season into summer. Illustrated on page 90. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Imperial No. 152 Head Lettuce

A new variety of the New York type and one of the surest heading lettuces of this group. Plants are of medium size with heads close to the ground. A cool weather sort and therefore should be grown for early spring or late fall maturity. Resistant to Brown Blight but susceptible to Tip Burn. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. $2.75.



Kingscrost 12 Row Bantam Corn



Yellows-resistant Golden Acre Cabbage

Tip-burn Resistant Grand Rapids Lettuce

Kingscrost 12 Row Bantam Corn

New Stewart's Wilt-resistant Hybrid Variety

A new hybrid similar to Golden Cross; fully as uniform and vigorous but a week earlier. 12 rowed; length of ear, 7 to 8 inches; height of stalk, 6 to 6½ feet; planting time to eating stage, 82 days. Recommended for canners and home gardens. Large Pkt. 15 cts.; ½ lb. 25 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 3 lbs. $1; 5 lbs. $1.65; 10 lbs. $3.

For Better Gardening

New Yellows-resistant Golden Acre Cabbage

A new yellows-resistant strain of the popular Golden Acre variety. Round, firm, uniform, medium sized heads with small outer leaves, permitting closer planting than ordinary. Stands quite long without bursting. To you who like Golden Acre but cannot grow it because of "Yellows" we recommend the use of this new strain. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

New Tip-Burn Resistant Grand Rapids Lettuce

A new strain of Grand Rapids that is resistant to tip burning. A heading variety that gives greater weight per square foot due to compactness and does not become spindly or bolt to seed as quickly as others. Excellent for greenhouse growing but equally as good outside. Developed by the Ohio Agricultural Experiment Station. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. $3.00.

Early Yellow Globe Onion

New strain of Ohio Yellow Globe; noted for earliness, ability to endure adverse conditions and good keeping qualities. Attractive globe shaped; handsome, bright, even color; small neck and solid bulb that ripens evenly. Illustrated in color on inside back cover. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. $3.00.

Livingston's Colorite Cucumber

A White Spine type. Its rich, dark green color extends well down to the blossom end. Straight and cylindrical with medium blunt ends. Length averages 10 inches. Excellent for home use and a good shipper. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

California Wonder Pepper

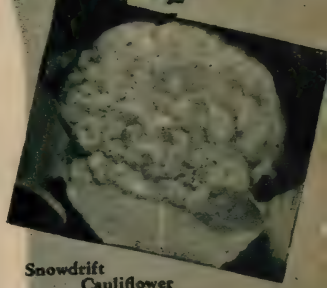
One of the most important market varieties and fine for home gardens. Large size with very thick flesh which is deliciously crisp, tender and sweet like the finest pimientos. Color is a brilliant dark green changing to crimson when ripe. Very uniform and smooth. Does best on heavy soil. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Dixie Queen Watermelon

A remarkable new melon, destined to become a leader for home gardens, local market and shipping. Round with light and dark green stripes; uniform in size and appearance; size medium to large. Thin, tough rind; flesh bright scarlet, solid, of fine texture. Fewer seeds than any other variety. Vines very vigorous, prolific. Small white seeds. This variety is commanding much attention in Southern growing sections because of its fine shipping qualities. We recommend that growers give it a trial. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.

Snowdrift Cauliflower

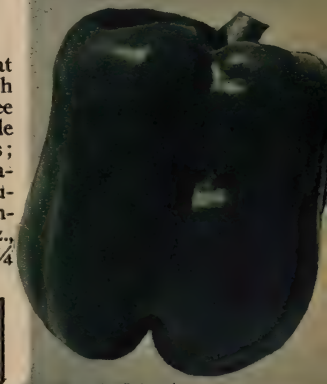
A new variety that heads satisfactorily under adverse conditions. Pure white heads of remarkable depth; resists fuzziness and free from curd-leaflets. Produces larger head than the well known Snowball without materially sacrificing earliness. Pkt., 15 cts.; ¼ oz., 70 cts.; ½ oz., $1.25; oz., $2.25; ¼ lb., $8.25.



Snowdrift Cauliflower

Ideal Parsnip

New variety of great merit. Clear white with very small core; free from stringiness and side roots. Thick shoulders; deep hollow crown; tapers to a point. Valuable to market gardeners. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.



California Wonder Pepper

Vegetable Collection No. 6

One packet of each variety pictured on this page—6 packets in all.

50c Ppd.

Dixie Queen Watermelon

Ostrich Plume Long Standing Mustard

Livingston's Globe Tomato

Scarlet Globe Radish

Longfellow Cucumber

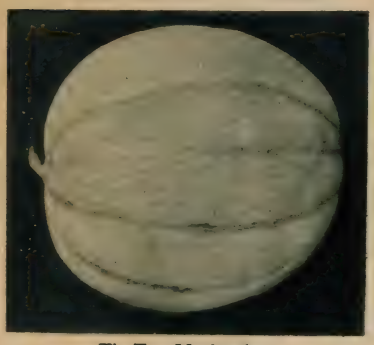
"New York No. 12" Lettuce

Vegetable Specialties

For Particular Gardeners

"New York No. 12" Lettuce

A new strain of New York head lettuce. The most sure to head of any. Perfectly round heads that grow to large size; very crisp and tender. Prefers cool weather and well-fertilized soil. Matures early. 60 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.



Tip-Top Muskmelon

Livingston's Tip-Top Muskmelon

Tip-Top tops them all for a large, early home garden Muskmelon. Introduced by us in 1892 and, today, still supreme in quality, appearance and productiveness. A large, slightly oblong variety with sweet, juicy, creamy yellow flesh. More fully described on page 77. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

Hungarian Pepper

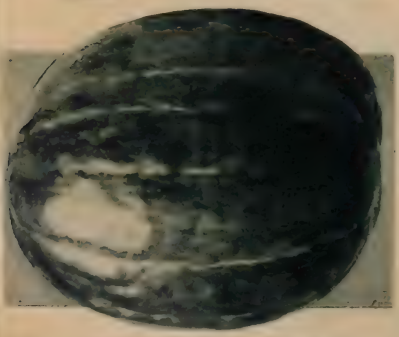
Giant Stride Peas

Hungarian Long Slim Pepper

A waxy canary yellow in color turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. 53 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70.

New Giant Stride Garden Pea

The earliest giant-podded dwarf variety. Vines about 2 feet tall. Pods average 5 inches long and have 8 to 9 large peas. Both pods and peas are dark green in color. Of high quality and very productive. 80 days. Large pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.



Stone Mountain Watermelon

Stone Mountain Watermelon

A very large, round melon of excellent quality. Flesh is highly colored, very solid, with fewer seeds than ordinary. Very productive. A tough rind makes it good for shipping. It can be grown farther north than most varieties and is, therefore, ideal for the home garden. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Longfellow Cucumber

An excellent, long, slender, dark green variety that is ideal for the private and market gardener. It measures 12 to 14 inches long by 2½ inches in diameter and is straight. A good healthy grower, very productive and fairly early. For a large slicing variety, you should grow Longfellow. 74 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Early Scarlet Globe Radish

Most popular globe-shaped variety. Extensively used by market gardeners for both forcing and open ground and fine for the home garden. Bright red skin with pure white flesh; crisp, tender and of delicious flavor. 25 days. We offer three strains:

Regular Strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Greenhouse Special Strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Muck Special Strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Livingston's Globe Tomato

Introduced by us in 1905. One of the best for home-garden use. Comes into bearing early and keeps on bearing until frost. Fruits are large, smooth, with firm flesh. Color, a glossy pink. Quality fine, being mild, pleasant and of delicious flavor. Almost blight-proof. Seed is grown by us. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

Ostrich Plume Long-Standing Mustard

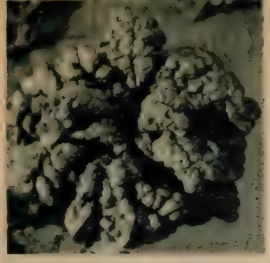
Gold Medal, All-America Selections, 1935.

A selection from Southern Giant Curled having remarkable long standing qualities, as much as 10 days to 2 weeks longer than others. Leaves look like Ostrich Plumes, are finely crimped and curled as shown in illustration above and are of a bright green color. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Complete vegetable planting chart is given on page 57

Marion Market Cabbage

Marvelous Tomato



Old Dominion Spinach

Michigan Golden Celery

New Kingscrost Hybrid Sweet Corn

Disease-Resistant Vegetables

New Hybrid Sweet Corn "Kingscrost"

Special mention, All-America Selections, 1934

Resistant to Stewart's Wilt, a highly important feature. Noted for earliness, uniformity of maturity, eating quality and high yield. Ears are the same size as Golden Bantam but mature about 10 days earlier. Large Pkt. 15 cts.; ½ lb. 25 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 3 lbs. $1.00; 5 lbs. $1.65; 10 lbs. $3.00.

Marion Market Cabbage

A yellows-resistant variety. A round headed sort that matures quite early. Heads are very solid, of uniform size and weigh 5 to 8 pounds. Good variety for home gardeners. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Old Dominion Spinach

A Long-standing Blight-resistant variety that can be planted in early spring. Leaves are large, crumpled and dark green. Ideal for home garden use. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Michigan Golden Celery

A new strain of self-blanching celery that is highly resistant to Fusarium Yellows. Type is intermediate between Golden Plume and Golden self-blanching. Stalks are somewhat longer than Golden Plume, about the same width. Pkt. 10 cts.; ¼ oz. 50 cts.; ½ oz. 80 cts.; oz. $1.50; ¼ lb. $5.50.

New Marvelous Tomato

A High Quality, Wilt Resistant Pink Marglobe

To those who like a pink tomato but have had trouble growing it because of wilt, we are pleased to present the New Marvelous, the only pink wilt-resistant variety of merit. It is a vigorous grower and heavy cropper. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. 62 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Wilt-resistant Vegetable Collection
1 Pkt. each variety above 30c.

Brussels Sprouts

BRUSSELS SPROUTS, Pride of Denmark. A species of cabbage. Produces miniature heads from the side of the stalk. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.

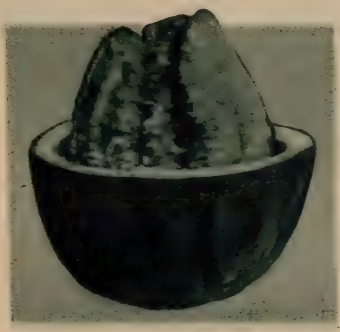
BROCCOLI, Italian Green Sprouting. Forms a center cluster of bluish green flower-heads and develops lateral sprouts. Served like Cauliflower. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.

COLLARDS, True Southern or Georgia. Of the cabbage family. Endures extreme heat. Most excellent for greens. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.

These varieties fully described in Vegetable section beginning page 58.

Every Gardener Should Try These

Delicious "Trick" Vegetables



Livingston's Orange Watermelon

Livingston's Orange Watermelon

Considered a novelty; inner core separates from rind and can be lifted out of shell in one piece. Flesh very sweet and delicious. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.

Chihili Chinese Cabbage

A Chinese variety of fine quality. Length about 16 inches. Bluish green outer leaves with creamy white inner leaves. Early and sure heading. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00.

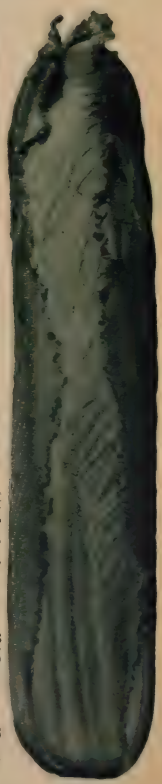
Kohlrabi, Early White Short-Leaved

Forms a turnip-shaped bulb above the ground. Combines cabbage and turnip flavors. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.

Leeks, Broad Scotch

A hardy onion-like plant that does not form a bulb but is long and thick. Good substitute for onions. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.

"Trick" Vegetable Collection 1 Pkt. each variety offered here. **25c**



Chihili Chinese Cabbage

Livingston's Stone Tomato

Livingston's Beauty Tomato

Livingston's Giant Oxheart Tomato

Have Tomatoes Livingston's

Vitamins a b C g
Iron, Cal. lb. 105

Five Livingston Tomato Introductions

(Illustrated on these two pages)

More Popular Than All Others Combined. Listed in Catalogs More Often Than Any 5 Other Varieties.

We introduced the first modern tomato, the "Paragon," in 1870. Since that time we have bred and introduced 34 varieties. The seeds of all of our own introductions are grown by us from select stock and offered for sale under our "True Blue" seal, the sign of highest quality in Tomato seeds. For best results buy your seed from the original source.

Livingston's Stone

Introduced by us in 1889 (Stone Type)

Greatest for Canning, Tomato Juice, Catsup and Chili Sauce Making

A large, bright scarlet red, heavy yielding, good keeping, main-crop variety. Skin perfectly smooth; flesh solid and fine flavored; seed cells few and small. After cooking, its thick, solid juicy flesh has a rich, bright red color and a delicious, appetizing flavor. For tomato juice packing there is none better. Even ripening, solidity and productiveness are its economy features. After 45 years it is still recognized as the best in its class. Illustrated in full color on back cover. 76 days. **Order from us for the original.** Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Livingston's Beauty

Introduced by us in 1886 (Beauty Type)

Greatest Purple-Colored Home-Garden and Home-Market Variety

Although introduced 50 years ago, Beauty is still our most popular purple Tomato. Fruits are large, smooth, rather flattened with thick, firm flesh of excellent flavor; small seed-cells and few seeds; so small a core that it could be termed "coreless." Excellent for slicing and salads. Fine home market variety. Can be picked green; ripens up nicely and keeps in perfect condition for a long time. Main-crop variety. 70 days. **Seed grown by us.** Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Livingston's Globe Tomato

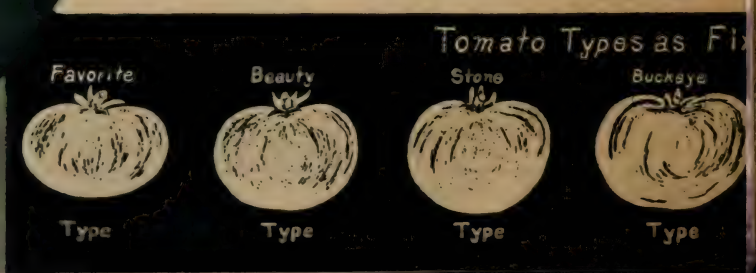
Introduced by us in 1905 (Globe Type)

The Greatest Shipping Tomato Known

We feel quite safe in saying that no Tomato ever introduced has been so valuable to the southern growers and shippers as Livingston's Globe.

As a greenhouse sort, it is not excelled by any other pink variety and it is one of the best for the home-garden. It comes into bearing early and keeps on bearing almost until frost. Fruits are large and smooth with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Almost blight-proof. Main crop variety. 65 days. Illustrated on opposite page. **Genuine Livingston-grown seed.** Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

42 other varieties on the following pages



you Yearn for with TOMATO Seeds

HARVESTED by SOURING METHOD

We have harvested our seed by the souring method since 1870; the accepted and approved way as advocated by National Agricultural Authorities.

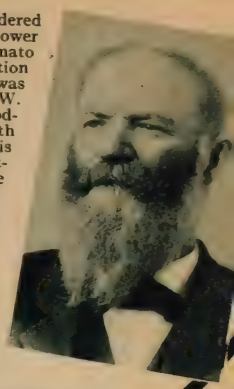
Tomato Types

Our supremacy in Tomatoes has enabled us to rather definitely fix and define types. Practically every Tomato comes under one of the types as illustrated below. To assist you in selecting we designate under each variety offered to which type it belongs.

See Tomato Cultural Directions on Page 14

Tomato Booklet FREE To Customers On Request

ALEXANDER W. LIVINGSTON
Tomato Pioneer and Founder of Our Company



From a plant that was considered poisonous and rated even lower than common weeds the Tomato has risen to its important position in approximately 65 years. It was not until 1870 when Alexander W. Livingston introduced the first modern Tomato (The Paragon) with fixed color, size and shape that this appetizing vegetable came to the attention of the general public. We are greatly indebted to Mr. Alexander W. Livingston, founder of our company, for his untiring efforts in producing an edible Tomato. This was the beginning of Livingston's supremacy in Tomatoes and the now world wide demand for this luscious vegetable.

A Pioneer

Livingston's Giant Oxheart Tomatoes

The Big Tomato Everybody is Talking About

Truly the giant of them all. Different from any Tomato you have ever grown in shape, size or in flavor. Three pound specimens are quite common; one customer sent us a single fruit that weighed five pounds. Very popular with home gardeners and brings fancy prices in city and roadside markets.

Livingston's Giant Oxheart

Introduced by us in 1925 (Oxheart Type).

This attractive pink skinned variety was the original introduction. It is exceedingly smooth and tender and almost seedless; frequently showing 2 inches thick without a seed cavity. It has that delicious mild flavor that every lover of this fruit likes so well. Its attractive shape, large size and excellent table qualities have brought it into deserved popularity with all who have grown it. Rich soil adds greatly to its productiveness. Late variety. Illustrated on opposite page. 87 days. **Selected seed, grown by us.** Pkt. 10 cts.; ¼ oz. 30 cts.; ½ oz. 55 cts.; oz. 85 cts.; ¼ lb. $2.50.

Livingston's New Yellow Oxheart

Introduced by us in 1929 (Oxheart Type).

A new variety of our Oxheart-type above. It is of the same shape as the original Oxheart, above, but is a trifle smaller in size. The skin and flesh are a rich shade of yellow. Deliciously mild and decidedly appetizing, especially when served mixed with Pink Oxheart. Give it a trial this season. 85 days. Pkt. 10 cts.; ¼ oz. 35 cts.; ½ oz. 55 cts.; oz. 90 cts.; ¼ lb. $2.75.

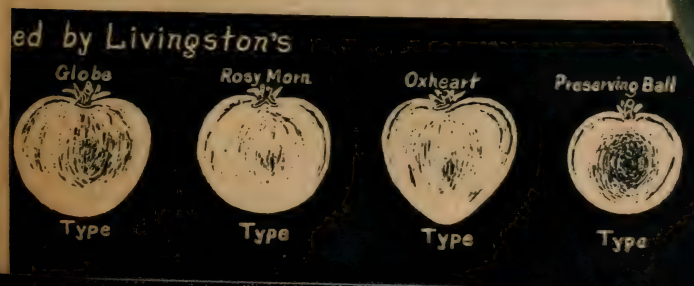
Livingston's Rosy Morn

Introduced by us in 1923. (Rosy Morn Type).

A bright rosy-pink variety. It is smooth, solid and fleshy; ripens up evenly; surprisingly free from cracks about the stem; vigorous grower and heavy yielder. Fine for slicing, being of mild and delicious flavor. 69 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Livingston's Globe Tomato

Livingston's Rosy Morn Tomato



Red Varieties

Marglobe. **WILT AND NAILHEAD RUST-RESISTANT (Globe Type.)** Has made a wonderful record in sections where above diseases prevail. Produced by crossing Livingston's Globe with other varieties and after several years' selection was offered in 1926. Vigorous grower in both greenhouse and field; bright red, quite early, large size, almost round and very productive. We grow the seed we offer from select planting stock supplied by originator. Main crop variety. 60 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Norton. **(Stone Type.)** A Wilt-resistant Stone. Similar in growth, color, and season. Valuable in South and wilt sections. 76 days. Pkt. 5c.; ¼ oz. 15c.; ½ oz. 25c.; oz. 45c.; ¼ lb. $1.25; lb. $3.75.

Livingston's Dwarf Stone. **(Stone Type.)** *Introduced by us in* 1902. Fruits are nearly as large as Stone but plants are more dwarf, permitting close planting. Productive. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

HANSING'S IMPROVED WILT-RESISTANT MARVEL. **(Favorite Type.)** Early bright red of medium size. Similar to Bonny Best in shape but slightly more flat. Fruits are produced in clusters about 6 inches apart on vigorous growing vine. 60 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.65; lb. $5.25.

The Pritchard. **(Wilt-resistant.) (Globe Type.)** Developed by the late Dr. Fred J. Pritchard, a cross between Marglobe and Cooper's Special; inherits the good qualities of the well known Marglobe and its self-topping characteristics from Cooper's. Fruits are of medium size, solid, and slightly globular. The color is scarlet with dark red interior. Vines are short and branching, with fruit clusters of about 5 each. Good rich soil adds to its productiveness. 60 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Greater Baltimore. **(Favorite Type.)** A heavy, firm, thick meated, midseason, red variety. Ripens evenly; free from cracks and ridges. Canning sort. 63 days. Pkt. 5 cts.; ¼ oz. 15c.; ½ oz. 25c.; oz. 45c.; ¼ lb. $1.25; lb. $3.75.

Livingston's Paragon. **(Stone Type.)** *Introduced by us in* 1870. The first perfectly smooth, deep red Tomato offered by us. A heavy yielder, ripening medium early. The fruits are of large size. Flesh is solid, of superior quality and bright rich red. 65 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25.

Bonny Best. **(Rosy Morn Type.)** Good red for greenhouses. Is of medium size, bright scarlet, always smooth, and of uniform size and shape. A splendid sort to follow Earliana in the open field. 57 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Pink Varieties

Cooper's Special. **(Globe Type.)** Same color as Livingston's Globe but smaller. Vines are short and fruits set in clusters of 4 to 5. Florida growers term it a self-topper. Second-early, 63 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $3.85.

Early Detroit. **(Globe Type.)** A very productive pink sort, of uniform size but not as early as name indicates. Fruit large and smooth, and of excellent quality. Vines vigorous and productive. 71 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Mrs. M. L. Schnutz, Cook Co., Ill.: *"I had Oxheart tomatoes last fall weighing all the way from 2-3½ lbs. each."*

Gulf State Market. **(Globe Type.)** A medium-sized, early, purple sort. Ripens same time as Livingston's Globe, but averages smaller. Quite popular in southern sections. 65 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.15; lb. $3.50.

June Pink. **A Pink Earliana. (Favorite Type.)** Ripens as early as Earliana. A prolific bearer, clusters of six to eight fruits being borne close to the main stem, a large percentage being produced very early. 55 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Morril Parmly, Pulaski Co., Ill.: *"Your True Blue Seeds are the best I've ever used."*

Tomato Seeds

Red Varieties

Chalk's Early Jewel. **(Beauty Type.)** Of large size. Flesh thick, bright scarlet, solid. One of the largest cropping varieties. 63 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Livingston's Ideal. **(Globe Type.)** *Introduced by us in* 1930. May properly be termed "A Red Globe." Has strong, healthy plants that show no signs of blight. Globe shaped fruits of medium size; bright scarlet; firm flesh. Fruit clusters are set closely on stalk, making increased yield under glass. 63 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Livingston's Ohio Red. *Introduced by us in* 1929. Entirely new elongated type, frequently having a slight point at blossom end. Second-early. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50.

JOHN BAER. **(Rosy Morn Type.)** Extra-early red. Fruits are large, nearly round, smooth and of good quality. Quite productive. 60 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35.

BURBANK. **(Favorite Type.)** Very early red. Similar to Earliana in size and shape, but smoother. Quite productive. 55 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.55; lb. $4.75.

J. K. Woodfill, Green Co., Mo.: *"Last year I raised a fine crop of your Yellow Oxheart tomatoes. They were the finest tomatoes I ever raised."*

Break-O-Day. **(Globe Type.)** **Wilt-resistant.** The new Pritchard hybrid developed from Marglobe and Marvana, having their disease resistant qualities. Resembles Marglobe in shape and size, but not so productive. Has vines of open habit like Marvana. Matures early, being next to Earliana in this respect. Fruits are solid, meaty and have a beautiful scarlet color. 58 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Earliana. **(Favorite Type.)** The plants are compact in growth, with short, close-jointed branches, setting fruits very early. Fruits are bright red, of uniform medium size, fleshy, solid and smooth. 55 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Livingston's Coreless. **(Globe Type.)** *Introduced by us in* 1908. The depression at the stem end has been almost eliminated. Immensely productive. A good slicing variety, the seed-cells being surrounded by bright red, meaty and delicious flesh. Late variety. 78 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Redhead. **(Rosy Morn Type.)** A second-early, meaty, deep red variety of good size and shape. Smooth, productive, uniform and nearly free from cracks. 62 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Pink Varieties

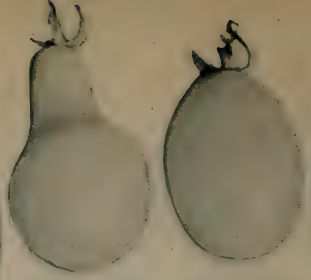
Marvelous. **(Marhio.)** **A New Pink Marglobe.** **(Globe Type.)** If you like a pink skinned tomato try this new wilt-resistant variety. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. A vigorous grower and heavy cropper. Requiring high temperatures, it has proven to be an excellent fall forcing variety. Also good for outside as it is free from cracks. 62 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

LIVINGSTON'S ACME. **(Beauty Type.)** *Introduced by us in* 1875. First perfectly smooth pink Tomato introduced. Quality fine. 62 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.15.

Livingston's Improved Dwarf Champion. **(Beauty Type.)** Medium-sized fruit produced in clusters of three to five. Beautiful glossy purple, firm, solid. Main crop variety. 63 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

LIVINGSTON'S MAGNUS. **(Beauty Type.)** *Introduced by us in* 1900. Large purple-skinned fruits quite deep through from stem to blossom-end. Heavy cropper. Has broad-potato-leaf foliage which prevents sunburn. Second early variety. 62 days. Pkt. 5 cts.: ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Ponderosa Tomato


Yellow Pear Yellow Plum

Gold Ball

Livingston's Yellow Tomatoes

Big Tomatoes

Ponderosa

(Buckeye Type.) The pink fruits ripen quite early, are very solid, almost seedless, of good subacid flavor, and of immense size, frequently weighing more than two pounds. It is now producing a much smoother fruit than when first introduced. Splendid slicer. Bears well until very late. Late variety. 84 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.75; lb. $5.75.

Livingston's Buckeye State

Introduced by us in 1893 (Buckeye Type)

Its extra large fruits are borne in clusters of three to six, and have a smooth skin of purple color. The fruit is very meaty, solid, and the flesh is of most desirable quality. We have been successful in eliminating the roughness so common to large-fruited sorts. Late variety. 80 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Crimson Cushion (Beefsteak). **(Buckeye Type.)** A red Ponderosa. An extremely large, bright red variety that ripens evenly and is of good quality. A good companion to the Colossal. Main crop variety. 84 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.80; lb. $6.00.

Colossal. **(Buckeye Type.)** A strain of Ponderosa that exceeds it in average size and smoothness. A slice of this enormous-fruited sort looks like a piece of beefsteak. The fruit has purple or pink skin and many are quite smooth. Main crop variety 84 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.75; lb. $5.75.

Livingston's Golden Queen

Introduced by us in 1882 (Beauty Type)

Of superior flavor, solid, always smooth, large, ripens early. Rich golden yellow skin with a tinge of pink on the blossom end. Fine for slicing. 78 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25.

Golden Ponderosa

(Buckeye Type.) Golden Ponderosa equals Ponderosa in size, shape, and quality, but it is a golden yellow in color. In other words it is, as the name indicates, a yellow-fleshed Ponderosa. 82 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.75.

Livingston's Gold Ball

Introduced by us in 1892

(Ball Type.) Beautiful canary-yellow fruits about 1½ inches in diameter, borne in clusters. Flesh thick and of fine quality. Fine for preserves. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50.

Livingston's Yellow Oxheart, See page 11.

Odd Tomatoes

YELLOW PEACH. Resembles peaches closely in size, shape, and general appearance. Color light yellow. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.

GOLDEN HUSK or WINTER CHERRY. Unequaled for making preserves and pies. Has a golden color, strawberry flavor, very productive. Fruit is size of large cherries. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35c.

Small Tomatoes

Excellent for Preserves, Pickles, and Pies

	Pkt.		Pkt.
Red Currant	$0.05	Yellow Pear	$0.05
Red Cherry	.05	Yellow Plum	.05
Yellow Cherry	.05	Mixed Small Sorts	.05
Red Pear	.05	Any above: ¼ oz.	.15

Tomato Culture

In this locality, for very early fruit, the seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and ½ inch deep. Later sowings may be made until the last of April. You can approximate your sowing date from this according to your location. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flower-pot and placing in a sunny window in the house.) When the young plants are about 2 inches high, they should be set 4 to 5 inches apart in another hotbed or coldframe, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting in the open ground and shelter from the sun a few days until the plants are thoroughly established. Cultivate as long as the vines will permit, but the last two or three workings of the soil should be very shallow. The use of fertilizer, high in potash, makes tomatoes more solid and tends to keep them from cracking.

Tomatoes grow splendidly trained to stakes or trellises. The fruits are of better quality and appearance and ripen earlier. This method is common with market gardeners and is practiced by private gardeners where neatness and conservation of space is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way, permitting the harvesting of a much better and larger crop to a given acreage. Ask for Tomato Booklet, giving more detailed instructions. **About 2,000 plants will be produced from one ounce of seed. 4 ounces will plant an acre. Maturities given are from the time plants are placed in the garden to first ripe fruits.**

Complete vegetable listing starts on page 58

Protects Roses And Other Plants **Tri-o-gen** The All-Purpose Positive Spray

A Combined Control For Diseases and Insects. Stimulates Growth

Affords complete protection against fungus diseases, including black-spot, mildew, rust, etc.; gives absolute protection against all insect pests and stimulates vigor and growth. Highly recommended for many flowers; equally effective in garden or greenhouse. Harmless to foliage; economical to use.

A. Small Kit (makes 16 quarts) $1.65 Ppd.
Protects 12 to 20 roses for season.

B. Medium Kit (makes 64 quarts) $4.75 Ppd.
Protects 50 to 80 roses for season.

Insecticides and Fungicides

Tested and Approved Remedies for Your Garden Medicine Shelf

All Prices Are Quoted Postpaid—Complete Spraying and Dusting Calendar on Page 93

ANT GAS. Forms heavier-than-air gas which penetrates and kills ants, including queen. Also kills moles. Not dangerous or poisonous. ½ pint 50 cts.; pint 90 cts.; quart $1.50.

ARSENATE OF LEAD (dry). A poison for all chewing insects and worms. Lb. 35 cts.; 4 lbs. 75 cts.

ARSENATE CALCIUM (dry). For chewing insects, especially on beans and vine crops. Used with Hydrated Lime or Land Plaster as a dust. Lb. 25 cts.; 4 lbs. 65c.

BLACK LEAF 40. Well-known spray for Aphis and other sucking insects; also used for delousing poultry. Oz. 40 cts.; 5 oz. bottle $1.10.

BORDEAUX MIXTURE (dry). General control for fungus diseases of trees, fruits and vegetables in the garden or seed bed. One pound makes about 6 gallons of spray. Lb. 35 cts.; 4 lbs. 75 cts.

GRAPE AND ROSE DUST. Sulphur preparation for the control of Fungus Diseases; Black Spot, Mildews, Rusts, Rots, etc., on flowers and vegetables. Lb. can 50 cts.

LIME SULPHUR (dry). Makes best dormant spray for fruit and ornamental trees, shrubs, cane berries, etc. Controls scale insects and certain fungus diseases. Lb. 45 cts.; 5 lbs. $1.65.

LIQUID SLUG SHOT. For all chewing and sucking insects on both flowers and vegetables. Concentrated extracts of stabilized rotenone and pyrethrum, carrying its own spreader and adherent. Oz. 40 cts.; 6 oz. $1.10.

NURSERY VOLCK. Conceded to be the most effective spray for Red-Spider control known; also for White Fly, Aphis, Thrips, Mealy Bugs, Mildew and Rusts. ½ pt. 40 cts.; pt. 70 cts.; qt. 90 cts.

READ "Why Good Seeds do not always Grow" ON PAGE 73. Use THESE PRODUCTS TO COMBAT IT.

CUPROCIDE (Standard Red Copper Oxide for Seed Treatment). Protects seeds, seedlings and plants from "Damping-off" and other fungus diseases. Simply dust seeds before planting or dust or spray on plants. Very economical. ¼ lb. 40 cts.; lb. $1.

FORMACIDE (Stabilized Formaldehyde Dust). Soil disinfectant for "Damping-off" of flower and vegetable seedlings. Controls seed borne diseases and sterilizes soil in one operation. Controls Brown Spot on lawns; recommended for Seed Potato treatment. ½ lb. 60 cts.; lb. $1.

NICOTINE PYROX. All around combination spray for insects and diseases in general. Highly recommended for the vegetable garden. Illustrated at left. 17 oz. bottle, 60 cts.

NICOTINE POMOGREEN. Leaf-green dust or spray. Controls many diseases and sucking insects. Highly recommended for Roses. Lb. can 85 cts.

RED ARROW. Effective and safe Pyrethrum spray for flowers and vegetables. Destroys both chewing and sucking insects, including Red-Spider and Mexican Bean Beetles. Oz. 40 cts.; 4 oz. $1.10; pt. $2.60.

SEMESAN. Can be applied in either dry or liquid form to prevent or control effectively a most diversified variety of diseases borne by seeds, seed-pieces, plants and soils. Harmless to plant life. 2 oz. 40 cts.; lb. $2.35.

SEMESAN BEL. An excellent dust or water-mixture disinfectant for controlling diseases and increasing yields of seed potatoes and other tubers. 1 lb. treats 60 bushels of potatoes. 4 oz. 50 cts.; lb. $1.60.

SEMESAN JR. Disinfectant for Seed Sweet and Field Corn. Effective but inexpensive (2½ c. an acre) dust treatment for control of seed borne diseases. Use 2 oz. per bushel. 4 oz. 40 cts.; lb. $1.10.

SLUG SHOT DUST, Hammond's. Recommended for Potato Bugs, Cabbage Worms, Slugs, Sow Bugs and all other chewing insects in the vegetable garden. Non-poisonous to persons. Lb. Sifter Top Can, 35 cts.; 5 lbs. $1.25.

STABILIZED ROTENONE DUST No. 75. Contains ¾ of 1% stabilized Rotenone. Intermixed with special inert carrying agent. Goes through duster or sprayer freely. Controls all chewing insects on vegetables, flowering plants and trees. Harmless to persons. Lb. 35 cts.; 5 lbs. $1.25.

THRIP JUICE. Nicotine and Fish Oil soap concentrated insecticide for controlling Thrips, Red Spider, Mealy Bug, etc. Can be used on most delicate plants without injury. ½ pt. 40 cts.; pt. 70 cts.; qt. $1.50.

"DOGZOFF"

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. Not poisonous to plants and will not injure animals. Not offensive to humans. Applied with sprayer; lasts 3 to 4 weeks. Saves its cost many times over around the garden and home.

Season's Supply 59c

NOD-O-GEN. Inoculator for Legume Crops. Offered on page 58.

ALL ITEMS ON THIS PAGE CAN BE MAILED WITH SEEDS

GARDEX TOOLS
Pull Hoe
Culti-Claw
Hand Plow
Cultivator
Turf Edger

Handy Garden Gadgets

Neponset Growing Pots

A green, dual-purpose pot; ideal for both growing and shipping. Made of tough, waterproof paper; unbreakable, light and attractive. Has built-in reinforcing disc in the bottom which prevents the roots from growing out between the closing sections and adds to its structural strength. Research has proved that this new pot encourages maximum growth. The walls of the pot are non-porous and promote a more even distribution of moisture and a better ramification of root growth than porous pots. Low cost and durability makes it the most economical of growing containers.

Postpaid with your seed order				Wgt. per	Not Postpd.
Size	25	50	100	1000	1000
2¼ in.	$0.40	$0.65	$1.00	16 lbs.	$ 5.55
2½ in.	.45	.75	1.10	22 lbs.	5.95
3 in.	.55	.85	1.35	28 lbs.	7.05
3½ in.	.60	1.00	1.70	39 lbs.	9.60
4 in.	.65	1.10	1.95	52 lbs.	11.30

Special Home Garden Package
Ideal for the small individual gardener. 10 pots, 3 inch size. Postpaid..... **20c**

Garden Trowels

Transplanting Trowel.....35 cts.
Pressed Steel.....6-in., 45 cts.
(Illustration No. 2)
Forged Steel.....5-in., 60 cts.; 7-in., 75 cts.
Prices Postpaid. State size wanted.

Asparagus Knife

Sturdy built; 15 inches long. Fine for harvesting Asparagus or removing dandelions from lawns. (Illustration No. 3.) **40c Postpaid.**

New Ideal Mole Trap

An easy-to-use, never failing trap which will rid premises of moles in a short time. New in method and design. Easy and safe to operate; no sharp prongs or points. Stays in ground while operating and when sprung can be easily removed. Kills moles instantly and safeguards pelt. Heavy-gauge, lacquered for outdoor service. (Illustration No. 4.)
Price Postpaid, $1.00

"Out-of-Sight" Mole Trap

Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hotbeds under sash. Full directions with each trap. **$1.50 Postpaid.**

Ideal Weeder

Handiest little hand weeder that we know about. (Illustration No. 5.) **25c Postpaid.**

Excelsior Weeder

Very useful for weeding seed-beds, stirring soil in hot-beds, cold frames, etc. (Illustration No. 6.) **25c Postpaid.**

Steel Hand Weeder No. 240

Blades are made from high-grade "clock spring" steel, ground and tempered. One edge is serrated and sharpened and blade is riveted to steel handle. A very popular tool with florists, market gardeners, onion-growers, etc. (Illustration No. 7.) **25c Postpaid.**

Raffia

Best Grade. Fine for tying up all plants. Lb. 50 cts.; 10 lbs. at 40 cts. per lb.; 25 lbs. at 35 cts. per lb., **Postpaid.**

"Soil-Flow" Gardex Tools

New Garden Tool Principle For Gardening Ease and Pleasure For Five Times Faster Work

A new tool principle that opens a new era in gardening—banishes drudgery, makes work easier and much quicker. These tools are made of Special High Carbon Steel for lasting service; handle rigidly socket fitting; no bolts or screws to bother with. Illustrated above in order described below.

PULL HOE. Works on the easy pulling principle, the sharp V-shaped blade biting into the soil; weeds and cultivates in one operation, leaving soil finely mulched just where you want it without exposing moist soil to sun. Five times faster than the old conventional way. Two sizes are offered.

No. 1004—4 in. wide, 4½ ft. handle..$1.20
No. 1005—5½ in. wide, 5 ft. handle..$1.30

CULTI-CLAW. Gets into inaccessible places; fine to use where plants are close together, around flowers, rocks and shrubbery. No stooping or bending.

No. 180—5 claws, 4½ ft. handle....$1.20

HAND PLOW. Draws through soil with an easy pulling motion; no chopping necessary. Fine for hilling corn, potatoes, plants, etc., covering furrows and making irrigation ditches.

No. 2006—6 in. wide, 5 ft. handle...$1.80

CULTIVATOR. Position of tines causes them to penetrate any soil easily, loosen and cultivate thoroughly. Easy to operate; most useful tool about the garden.

No. 150-3—4½ ft. handle.....$0.95

TURF EDGER. Cuts turf vertically and horizontally in one operation by push or pull; will cut V-shape groove between sidewalk and lawn lifting sod out as it cuts. Greatest tool ever invented for edging of all kinds.

No. 400—4½ ft. handle.....$1.35

All Above Prices Postpaid

Dibble

Solid steel construction. Ideal tool for planting bulbs, setting plants, slips, and sowing seeds. **60c Postpaid.**

Dazey Flower Holders

Flower holders are as necessary to the art of flower arrangement as the flowers themselves. Dazey holders are scientifically engineered to give to your arrangements artistic selectivity and instant and perfect balance. With ordinary care they will last for years. (Illustration No. 10.) **Prices Postpaid.**

G-2A—4½ in. dia., ¾ in. mesh.....$1.10
G-3 —3½ in. dia., ½ in. mesh..... .85
G-4 —2½ in. dia., ½ in. mesh..... .50

Blue Ribbon Flower Holders

A sturdily built holder of the hair pin type. Scientifically made to give greatest flexibility in the artistic arrangement of flowers.

No. 11—Small Round, 1⅜ in. dia....$0.40
(Illustration No. 11)
No. 12—Medium Round, 2 in. dia... .60
No. 13—Large Round, 2⅜ in. dia... .85
No. 14—Large Oval, 4¾ in. by 2⅜ in. 1.40

National Eezy Wear Garden Gloves

A new type of glove especially designed for garden wear. Gives finger freedom and complete protection. Economical, too, for they will outwear six pairs of ordinary fabric gloves.

ALL LEATHER—DIRT-PROOF—DURABLE—WASHABLE

Women's Sizes
Small (5½ to 6½) Medium (6½ to 7½)
Large (7½ to 8½)
Men's Sizes
Medium (9 to 10) Large (10 to 11)

One Pair 75c
2 Pair $1.40
Postpaid

That Make Gardening Easy

Garden Clipper Pruning Shear

The gardener's handy surgical instrument for miscellaneous pruning. Highly tempered steel cutting blade; makes a clean knife-like cut; has comfortable grip. Ideal for trimming and cutting all superfluous branches, etc., about the garden. (Illustration No. 8, opposite page.)

Price 60c Postpaid

Rose Shear

An improved shear for cutting flowers and picking fruits, being equipped with an automatic grip which holds them. Indispensable for Roses and other thorny flowers. Absolutely the best accessory we have seen at this low price. (Illustration No. 9, opposite page.)

Price 60c Postpaid

Wiss Pruner No. 608

A highly serviceable, well built, solid steel pruning shear. Polished blades; red handle; compact and durable. Volute spring and ring catch. Will do excellent work. Length 8¼ inches.

Price $1.15 Postpaid

Pruning Saw

Curved steel cutting blade, facilitating easier and faster work. Wooden hand fitting handle. Ideal for all miscellaneous pruning about the yard or orchard. Length, over-all, 20 inches.

Price $1.35 Postpaid.

Painted Pot Labels

Postpaid with seed order. **Not postpaid.**

Sizes	50	100	Wgt. per 1000	1000
4 x ⅝	$0.30	$0.50	4 lbs.	$2.00
4½x ⅝	.30	.50	5 lbs.	2.10
5 x ⅝	.35	.55	5 lbs.	2.20
6 x ⅝	.40	.60	6 lbs.	2.50
8 x ⅝	.45	.65	9 lbs.	2.80
10 x ⅝	.50	.75	11 lbs.	3.50
12 x ⅝	.60	.85	15 lbs.	4.20
8 x ⅞	.70	.95	14 lbs.	4.50
10 x ⅞	.90	1.25	18 lbs.	5.50
12 x1⅛	1.25	1.75	30 lbs.	8.20

Copper Wired Tree Labels

Painted, durable wood labels. Ideal for marking trees, shrubs, Dahlia tubers, Canna bulbs, etc.

Size, 3½x⅝-inch, 60 cts. per 100; $1.65 per 500; $2.70 per 1,000, **postpaid.**

Sacco Spreader

A GARDEN TOOL THAT YOU NEED

Spreads Lawn Seed, Fertilizers, Sand, Salt, etc., easily and quickly. Equipped with instantaneous feed control and adjustable spreader. (See illustration at right.) Can be operated easily by any child. Will pay for itself in saving seed and fertilizer through proper application.

A Suggestion

Why not buy one on a cooperative plan with several of your neighbors and all get the benefit of its use?

TWO SIZES—POSTPAID IN OHIO

Model No. 3318, 18 inch.....$ 3.50
Shipping weight 12½ lbs.

Model No. 3330, 30 inch..... 14.50
Shipping weight 50 lbs.

Brown's Open-Hed Sprayer No. 3

First sprayer made with electrically welded seams and galvanized after fabrication, making a practically seamless "one-piece" tank. Pump cylinder is 2" diameter seamless brass, 12" long and screws into sprayer top so that pump is one complete unit. Easily and quickly locked in two movements. Tank opening is 5" diameter, permitting tank to be wiped thoroughly dry. Equipped with 5 ply spray hose, 20" by ⅜" diameter, automatic shut-off, 18" seamless brass extension and screen non-clog nozzle. (See illustration below.) Shipping weight, 12 pounds. **Price not prepaid. Send Postage.**

No. 3 B Brass Tank, 3 gal.....**$6.95**
No. 3 D Galvanized Tank, 3 gal...**$4.50**
No. 4B Brass Tank, 4 gal. Larger cylinder, longer hose, swivel nozzle. Shipping weight, 12 pounds.....**$9.25**
No. 4D Galvanized Tank, 4 gal.....**$5.95**
Prices not prepaid, send Postage.

Brown's Twin-Blast Hand Sprayer

Extra heavy tin plate, twin jet atomizer, glass reservoir, single acting sprayer. Very powerful and efficient, throwing a large blast of misty spray. Syphon tubes are of brass, giving protection against rust or corrosion. 1¼ inch diameter pump, 18 inches long. 1 quart capacity.

Price 85c Postpaid

Feeny Dust Guns

One of the best Dusters we have ever sold. Easy and clean to use. The dust-cloud starts the instant you push the handle forward, and it may be regulated from a mere "haze" to a cloud of large size and force by the stroke you give it. This Gun is ideal for applying all powder insecticides and fungicides.

Model D. Holds 2 quarts powder. Shipping weight, 4 lbs. **$2.75 each, postpaid.**

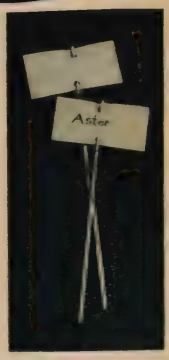
Model BX. Holds about a pint. Equipped with extension tube and two flared nozzles. Ideal for the home gardener. Illustrated below. **$1.25, postpaid.**

Flaring Rose Sprinkler

Ideal sprinkler for flowers and young plants. Throws fine, misty spray that does not injure young plants.

60c Ppd.

Livingston's Ideal Plant Markers



Permanent, inconspicuous, green pyralin label with aluminum, non-rusting staff that may be inserted into the soil or twined about plant. Write with ordinary pencil; read and erased at any time. Best and least expensive garden label we know about.

Doz. 35c Ppd.

Planet Jr. Tools

We carry a complete line of these well-known garden tools. We do not have room to list them in this catalog but if you are interested we will gladly send you the Planet Jr. catalog.

These blooms taken from our "Pandora" Mixture

LIVINGSTON'S Great Gladiolus Offer

Strictly First Size True-to-Name Bulbs

Picardy

Livingston's "Pandora" Mixture of Gladiolus

Made up and offered, not with the idea of profit but with the intention of giving so much pleasure to the average amateur that he will talk about it to his friends and neighbors. We offer this mixture under the name of "Pandora" because it contains so many surprises in color, form and beauty. Many new unnamed sorts can be found. Unquestionably, new varieties could be developed, and we place no restriction on their introduction. You'll get a vast amount of enjoyment, expectation and rapture at small cost from this grand mixture and we'll profit through your good will and recommendations.

Doz. 50c.; 2½ doz., $1. 5 doz., $2.; 100, $3.

All our bulbs are high grade, first size, true-to-name, systematically treated before planting and fumigated in storage. At these postpaid prices they deserve a place in your garden.

Two Bulbs FREE With Each $1.00 Purchase of Gladiolus (An Extra 26c. Value)

One Bulb Each Mildred Louise and Picardy

Above varieties described at left. This offer good while supply lasts.

EXTRA SELECT VARIETIES

MILDRED LOUISE. Strawberry pink self with pink blending to yellow in the throat. Midribs penciled spectrum red. Each 20 cts.; doz. $2; 100 for $15.

PICARDY. Soft, shrimp pink blotched light pink shading to shrimp pink at edges. Considered the last word in pinks. Doz. 75 cts.; 100 for $5.

MAID OF ORLEANS. Milky-white with light cream blotch on lower petals. Hard to beat. Each 20 cts.; doz. $2; 100 for $15.

LA PALOMA. Large, bright vivid orange of heavy texture. Doz. 90 cts.; 100 for $6.

PELEGRINA. Large dark blue. Six or more blooms open together. One of the best. Doz. $1; 100 for $7.50.

MOTHER MACHREE. A subtlety of colorings; rose, gray, blue and apricot. Most wonderful "smoky" Glads. Long spikes. Doz. $1.25; 100 for $8.

MOROCCO. A rich, velvety, deep dark red; almost black. Doz. $1; 100 for $7.50.

CANBERRA. A beautiful, clear yellow; long spikes. Doz. $1; 100 for $7.50.

AVE MARIA. Large light blue, blotched purple. Great substance. A new favorite in the blues. Doz. $1; 100 for $7.50.

YVONNE. Blush white or pale pink with soft cerise spot in throat. Fine variety. Doz. 60 cts.; 100 for $4.50.

OUTSTANDING POPULAR VARIETIES

BAGDAD. Smoky old rose shading darker toward the edge and lighter in the throat. Unusual in color, size and placement. Doz. $1; 100 for $7.50.

BERTY SNOW. Soft pinkish lavender large flower of good substance. Strong spikes. A real beauty. Doz. 30 cts.; 100 for $1.80.

BETTY NUTHALL. Lovely coral orange with pencil lines of soft red. Double row of huge florets. Texture, superb. Doz. 80 cts.; 100 for $6.

CARDINAL PRINCE. Self-colored cardinal. Large flowers of fine form, 6 to 8 open at a time. Doz. 30 cts.; 100 for $1.80.

CHARLES DICKENS. Magnificent royal purple with velvety purple blotches. Five foot spikes. Doz. 50 cts.; 100 for $3.50.

COMMANDER KOEHL. A brilliant, clear blood red, self color. Six to seven blooms open at a time. A commanding variety. Doz. $1; 100 for $7.50.

GLORIANA. Beautiful, glowing salmon pink with yellow throat. Good spike and flowers. Doz. 45 cts.; 100 for $3.

GOLDEN DREAM. Clear, deep golden yellow of splendid substance. Many flowers open at one time. Doz. 45 cts.; 100 for $3.00.

MARMORA. Blendings of smoky shades of grays and lavender, with a blotch of red and purple. Doz. 35 cts.; 100 for $2.40.

MINUET. For purity of lavender, ideal form and wonderful finish, Minuet stands alone. Wide open flowers with broad petals of great substance. Doz. $1; 100 for $7.50.

MR. W. H. PHIPPS. Clear deep pink, salmon toned reflex. Lips faintly speckled ruby. Massive spike. Doz. 50 cts.; 100 for $3.50.

MRS. F. C. HORNBERGER. Dazzling snow-white. Exquisite large flowers placed symmetrically on a regal spike. Doz. 50 cts.; 100 for $3.50.

MRS. P. W. SISSON. A glorified cameo pink. The large flowers, many of which open at same time, are of heavy texture and flawless form. Doz. 35 cts.; 100 for $2.40.

MRS. VAN KONYNENBURG. Light blue. Excellent spike and beautifully formed flowers. Free flowering and vigorous. Doz. 75 cts.; 100 for $5.

RED PHIPPS. Similar in habit to W. H. Phipps but spikes are longer. A beautiful, glowing red. Free-flowering and strong growth. Doz. $1; 100 for $7.50.

VEILCHENBLAU. Most popular clear, deep violet blue with darker blotch on lower petals. Large flowers; vigorous. Doz. $1; 100 for $7.50.

BLENDED COLOR COLLECTIONS

Fascinating, Sensational Color Blendings for Your Dream Garden

Made from the sixteen outstanding named varieties above. Here's your opportunity to get a start with a group that we believe has never before been offered at such a low price.

1 bulb of each (16 bulbs)	$0.70 postpaid
3 bulbs of each (48 bulbs)	1.85 postpaid
6 bulbs of each (96 bulbs)	3.25 postpaid
12 bulbs of each (192 bulbs)	6.00 postpaid
18 bulbs of each (288 bulbs)	8.00 postpaid

All bulb prices are postpaid to your address and subject to sold out

Dahlia, American Eagle

Pompon Dahlia, Lassie

Dahlia, Rose Fallon

Choice Dahlia Tubers

AMERICAN EAGLE. (Semi-cactus). Beautiful crimson. Quite early; profuse bloomer. Each 35 cts., Postpaid.

DADDY. (Informal Decorative). Large blooms of bright red; good strong growth and very prolific. Each 35 cts., Postpaid.

F. W. FELLOWS. (Cactus). A true cactus with many long incurving petals of orange-scarlet shadings. Each 25 cts., Postpaid.

GRACE CURLING. (Informal Decorative). Large size lilac blooms with notched petals; beautiful formation. Each 35 cts., Postpaid.

IDA PERKINS. (Formal Decorative). Large, fully double blooms of magnificent pure white. Each 50 cts., Postpaid.

JANE COWL. (Informal Decorative). Deep, massive blooms of glistening, bronzy buff and old gold blending darker at center. Each 35 cts., Postpaid.

JERSEY'S BEAUTY. (Formal Decorative). A perfect bloom of fine pink. One of the most popular varieties. Each 25 cts., Postpaid.

MARIE. (Formal Decorative). Luminous pink with a brilliancy and freshness lacking in Jersey's Beauty. Free bloomer. Each 50 cts., Postpaid.

OMAR KHAYYAM. (Formal Decorative). Chinese red at center shading to bright orange at ends of petals. Most admirable. Each 50 cts., Postpaid.

ROSE FALLON. (Formal Decorative). Old gold or pleasing shades of amber, russet and salmon. Very large and perfect. Each 50 cts., Postpaid.

THE COMMODORE. (Informal Decorative). Large flower of lemon yellow, overcast with yellow sheen. Each 50 cts., Postpaid.

TREASURE ISLAND. (Formal Decorative). Bright apricot shaded with gold. A striking, large sized variety of beautiful formation. Each 50 cts., Postpaid.

Big 10 Dahlia COLLECTION

10 unnamed varieties of various types and colors. Guaranteed plump, strong tubers with at least one live eye. A delightful, surprise collection at a surprisingly low price.

$1.49 Postpaid

Pompon Dahlias

AMBER QUEEN. Amber with scarlet.
BOBBY. An interesting plum color.
CANARY BIRD. Fine clear yellow.
SNOWCLAD. A clear white.
SPY. Very fine orange scarlet.
Any one above: Each 25 cts., Postpaid.
LASSIE. Buff blending to deep red.
MADELINE. Yellow and rose.
Either above: Each 35 cts., Postpaid.

Tigridia

Bulbs for Spring Planting

Hardy Lilies

LILIUM AURATUM. Gold-Banded Lily of Japan. Pure white with crimson spots and a gold band through center of each petal. 3 to 6 feet. Each 30 cts.; 3 for 85 cts., Postpaid.

LILIUM HENRYI. New, rare, Chinese Lily. Rich apricot-yellow, spotted brown. 3 to 5 feet. Each 25 cts.; 3 for 70 cts., Postpaid.

LILIUM PHILLIPINENSE FORMOSANUM. New, refined variety. Purest white, marked reddish-brown. 2 to 3 feet. Each 25 cts.; 3 for 70 cts., Postpaid.

LILIUM REGALE. White, slightly suffused pink; canary-yellow at center.
Standard Size, Each 20 cts.; 3 for 55 cts.; Postpaid.
Extra Large, Each 30 cts.; 3 for 85 cts.; Postpaid.

LILIUM SPECIOSUM RUBRUM. (Magnificum). White, flushed pink and heavily spotted carmine. 3 to 4 feet. Illustrated at right. Each, 25 cts.; 3 for 70 cts., Postpaid.

LILIUM TENUIFOLIUM. Coral Lily. Coral-red with recurved petals of waxy texture. 20 inches. Each 15 cts.; 3 for 40 cts., Postpaid.

LILIUM TENUIFOLIUM GOLDEN GLEAM. New. Pure apricot-yellow. Each 20 cts.; 3 for 55 cts., Postpaid.

LILIUM TIGRINUM. Tiger Lily. Large shapely flowers of a rich salmon-orange spotted glossy black. Each 15 cts.; 3 for 40 cts., Postpaid.

Tigridia

(Shell Flower of Mexico)

Old American native but most rare and unusual. Gorgeous flowers in shades of yellow, orange and red. Blooms freely; treated same as Gladiolus. Illustrated at right.

Mixture. Each 10 cts.; doz. $1, Postpaid.

Canna Tubers

Make fine display from early summer until frost with little expense or care. Varieties offered have green foliage.

CITY OF PORTLAND. Glowing pink.
THE PRESIDENT. Rich glowing-scarlet.
RICHARD WALLACE. Light canary-yellow.
Any one above: Each 15 cts.; doz. $1.50, Postpaid.

Montbretias

Valued for their graceful foliage and fine cut flowers. Can be grown outside and treated the same as gladiolus or inside in flower-pots. At the dozen price we will send a mixture of the three colors if you specify mixed.

Three Colors: Red, Yellow, Apricot. Each 10 cts.; doz. $1, Postpaid.

Hardy Lily Collection **$1.40** Postpaid
One bulb of each variety at left; 8 bulbs in all (Value $1.75).

Lilium Speciosum Rubrum

All bulb prices are postpaid and subject to sold out

SPECIAL MIXED CALENDULAS

SPECIAL MIXED COSMOS

SPECIAL MIXED CELOSIA

Livingston's Special Offer of Mixed

SPECIAL MIXED MARIGOLDS

SPECIAL MIXED PETUNIAS

SPECIAL MIXED ZINNIAS

Special Mixtures of New Varieties

"Tailor-made" in Our Own Flower Shop

These **Special Mixtures** are "tailor-made" by us from outstanding introductions, including All-America Selections which cannot usually be obtained except in separate packets. They are designed for the flower enthusiast who wants only the best but because of limited space or budget cannot use full packets of each. They top all mixtures for quality and novelty and offer considerable saving over the cost of the same varieties in separate packets.

FIRST TIME OFFERED—NOT OBTAINABLE ELSEWHERE

Special Mixed African Marigolds

7000 Includes four of the best known and proven leaders in the African class. Offers you the two types, ball and loosely ruffled or carnation flowered. Consists of good blending of **Lemon and Orange Alldouble, Guinea Gold** and our own recent introduction **Yellow Supreme,** the latter two being **Gold Medal Winners.** Designed as the leader on this page, this "tailor-made" mixture should give the ultimate in Marigold satisfaction. Pkt. 15 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Special Mixed Petunias
Giant Single and Double Types

7002 The big feature of this mixture is that it includes number 5063 **All-Double Dwarf Giant Fringed** (page 49) the variety that has received so much favorable comment and still sells at 50 cts. a packet. Two other choice single varieties, **Dwarf Giants of California** and **Ruffled Giants,** are included. To have these 3 varieties in your garden would ordinarily require an expenditure of 90 cts. Now you can enjoy some of all of them at a very reasonable price. Pkt. 30 cts.; 1/128 oz. $2.00.

Special Mixed Bedding Petunias

7004 Golden-yellow, rose-carmine, violet blue and blush pink in one grand array. Includes two Awards of Merit, **Dainty Lady** and **Martha Washington** and two favorites, **Dwarf Rosy Morn** and **Bluebird,** all four mixed. Here is the opportunity to create an effect never before conceivable. Pkt. 20c.; 1/64 oz. 95c.

Special Mixed Cosmos

7006 This mixture is made by using **Orange Flare, 1935 Gold Medal Winner, Extra Early Express** and **Mammoth Perfection, Giants of California.** One could picture an array of early color followed by the brilliant, vivid orange and climaxed by mammoth blooms of every shade known in Cosmos. The ultimate outcome a puzzle but most interesting, indeed. Pkt. 15 cts.; 1/16 oz. 25 cts.

Special Mixed Calendulas

7008 **"Shaggy," "Sunshine," "Sensation,"** the three words that spell "the ultimate in Calendulas" and the three varieties that make this blend something unusual. The first two rate **Gold Medals** and the latter is a favorite with florists. Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Special Mixed Large Zinnias

7010 This consists of balanced parts of 6460, **Choice Double Dahlia,** 6488, **New Crown O'Gold** and 6469, **Fantasy,** the 1935 All-America Selection. If one likes the large to mammoth Zinnias and wants them in a variation of colors and types we highly recommend this mixture. Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Special Mixed Celosias

7012 Celosias are always interesting and here is something that we have never offered before; a balanced mixture of **Woolflower** and **Ostrich Plumes** and **Comb** varieties. Made from 3464, 3465 and 3472, listed and described on page 34. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

Hand-made Blends

These **Hand-made Blends,** like the **"Special Mixtures"** on the opposite page, are carefully made by us. While they may not include all the recent outstanding introductions they contain many of our most popular standard strains in a most superior blending of colors, which is possible only by hand work. The offerings in this column directly below, are all hand made by us. They represent the very best in mixed flower seeds.

Field-grown Blends

Our **Field-grown Blends** represent the results of making careful selections of varieties, in regard to color and true formation, one year and planting these selections the following year, the resulting crop representing the choice offerings below. We recommend these mixtures as being of **A-1 quality.** They should give you highly satisfactory results, making your garden a riot of color envied by your neighborhood.

and Blended Flower Seeds

3440 **LIVINGSTON'S PEERLESS BLEND OF CARNATIONS. Half-hardy varieties.** Includes large percentage of **Giant Marguerite** and **Chabaud's Giant Improved.** Produces mostly large, double flowers. Pkt. 15 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.

3498 **LIVINGSTON'S CHOICE BLEND OF CENTAUREA.** Our choice mixture of **Bachelor's Buttons** from named varieties and **Double Blue,** a select florist's strain, to which is added our elegant assortment of **Sweet Sultans.** Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.; oz. 85 cts.

4060 **LIVINGSTON'S TOP-NOTCH BLEND OF NASTURTIUMS.** Our mixture of **giant-flowering tall varieties** giving a wonderful diversity of colors and new striking combinations. Pkt. 10 cts.; oz. 20 cts.; 1/4 lb. 50 cts.; lb. $1.35.

4090 **LIVINGSTON'S GLORY OF THE GARDEN BLEND OF NASTURTIUMS. Dwarf varieties.** Composed exclusively of large-flowering sorts ranging through every shade and tint known. Pkt. 10 cts.; oz. 20 cts.; 1/4 lb. 50 cts.; lb. $1.50.

5050 **LIVINGSTON'S ELITE BLEND OF SINGLE PETUNIAS. Giant-flowering strains.** Includes four of our best varieties to which we have added such interesting and exciting named varieties as **Fluffy Ruffles, Romany Lass, White Beauty, Violacea and Triumph Pink.** Here are ruffles, fringes, deep-throats, veinings, shades and colors galore. Pkt. (200 seeds) 25 cts.; 1/64 oz. 85 cts.

6244 **LIVINGSTON'S SUPERB SPENCER BLEND OF SWEET PEAS.** Embraces many fine mottled, blended, flaked, frilled, waved and striped sorts. Without exception, the finest mixture it is possible to make and offer at this price. Pkt. 10 cts.; oz. 30 cts.; 1/4 lb. 90 cts.

6460 **LIVINGSTON'S SPECIAL BLEND OF DOUBLE DAHLIA-FLOWERED ZINNIA.** Our special blend of all the best **Dahlia-flowered** separate colors. A brilliant color range in giant flowers. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.; oz. $1.25.

3070 **LIVINGSTON'S GIANT-FLOWERING BLEND OF SNAP-DRAGONS.** A mixture of the **Maximum grandiflorum** varieties. Every desirable color and shade; giant flowers and flower-spikes. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.; 1/4 oz. 65 cts.

3330 **LIVINGSTON'S SUPERB BLEND OF GIANT ASTERS. Wilt-resistant strains.** Finest, large-sized, double-flowering varieties in many gorgeous colors and perfect types. Will more than satisfy the most critical grower. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.; 1/4 oz. 60 cts.; oz. $1.75.

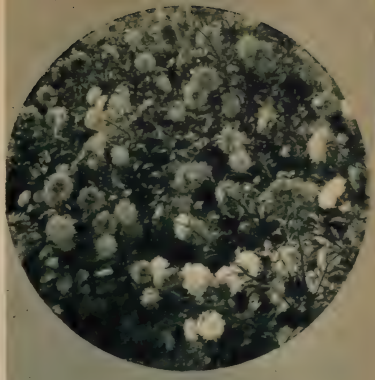
3420 **LIVINGSTON'S PRIZE BLEND OF CANTERBURY BELLS.** An extra fine blend of all the finest classes and colors of **single** and **double** and **"Cup and Saucer"** varieties. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.; oz. $1.00.

3636 **LIVINGSTON'S BLEND OF HARDY GARDEN PINKS.** A magnificent blending of choice **single and double** hardy sorts. Contains many types and color combinations as illustrated at right. Pkt. 10 cts.; 1/8 oz. 40 cts.; 1/4 oz. 65 cts.; oz. $1.50.

6002 **LIVINGSTON'S PRIZE BLEND OF ANNUAL PHLOX. Drummondi grandiflora** types. Unexcelled for making a constant display from July to September. This blending really belongs in the column at left as it is hand-made from separate choice colors. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.; oz. $1.00.

6132 **LIVINGSTON'S IMPROVED LARGE-FLOWERING BLEND OF ANNUAL SCABIOSA.** Finest **double grandiflora** varieties. Produces exquisite pincushion flowers on long stems from June until killed by frost. Pkt. 10 cts.; 1/8 oz. 15 cts.; 1/4 oz. 25 cts.; oz. 65 cts.

6284 **LIVINGSTON'S MIRACLE BLEND OF SWEET WILLIAMS.** Carefully grown and improved upon for many years at our flower trial grounds. A blending of exceptionally large symmetrical heads of flowers of every conceivable color and shade. Practically 100% double and semi-double flowering. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.; oz. 85 cts.



SUPERB ASTER BLEND

HARDY PINK BLEND

ELITE PETUNIA BLEND

SWEET WILLIAM BLEND

No other special blends available this season.

Larkspur, White King

Cornflower, Jubilee Gem

Marigold, Collarette Crown of Gold

1937

What All-America Selections Mean to You

The All-America Selections is a yearly competitive offering of new varieties from which competent judges choose the most outstanding. Its purpose is to present the best things of the year to the most gardeners and to promote interest in the new, really worth while varieties.

All-America Collection No. 1

One packet of each variety pictured on this page — 4 packets (value $1.00).

75c Ppd.

Verbena, Floradale Beauty

New Flowers in the A

New Marigold, Collarette Crown of Gold

Gold Medal, All-America Selections, 1937

3941 Entirely new kind of Marigold and the only 1937 Gold Medal Selection. Top or crown is made up of curled and interlaced petals similar to a Chrysanthemum and supported by a collar of broad, flat petals gracefully recurved. (See illustration above.) Both crown and collar are of the same color—bright golden orange. The flowers are 2½ to 3 inches across and have a delicate, delightful fragrance. Plants grow about 2 feet tall and are entirely free from odor. Early, profuse blooming. Pkt. 25 cts.; 1/16 oz. 90 cts.; ⅛ oz. $1.65.

Cornflower (Centaurea), Jubilee Gem

Award of Merit, All-America Selections, 1937

3485 New, dwarf variety of great merit. Tufted foliage of bright green, contrasting well with the double, vivid, dark blue flowers. Plant grows about 12 inches high and is profuse blooming. A fine, new addition to the edging, bordering and formal bedding plants. Pkt. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 65 cts.

Larkspur, Giant Imperial White King

Special Mention, All-America Selections, 1937

3878 Destined to become the most outstanding White Larkspur. Flowers are a pure glistening white with broad, rounded petals. Florets are extremely large and fully double, measuring 2 inches across. Plants are very tall with cutting spikes 24 inches long; very early blooming. Pkt. 25 cts.; 1/16 oz. 35 cts.; ⅛ oz. 55 cts.

Verbena, Floradale Beauty

Special Mention, All-America Selections, 1937

6367 A new Hybrida Grandiflora type. Huge trusses composed of large florets in shades ranging from bright rose-pink to deep rose-red. Salmon-pink predominates. An improvement on Beauty of Oxford Hybrids. Pkt. 25 cts.; 1/16 oz. 65 cts.; ⅛ oz. $1.10.

Petunia, Burgundy

Special Mention, All-America Selections, 1937

5073 A new Hybrida grandiflora or large flowering single type. Blooms are 3½ inches across and come in shades of purple or carmine with contrasting white throat veined violet. Pkt. 25 cts.; 1/64 oz. 85 cts.; 1/32 oz. $1.50.

Iceland Poppy, Yellow Wonder

Special Mention, All-America Selections, 1937

6037 Longer stemmed and larger flowering than any other Iceland Poppy. Rich lemon-yellow, cup-shaped flowers with broad, round petals; strong growing, free flowering plants. Pkt. 25 cts.; 1/32 oz. 40 cts.; 1/16 oz. 70 cts.; ⅛ oz. $1.30.

ZINNIA, STAR DUST. Award of Merit, 1937. Illustrated on inside front cover and described on page 1.

Complete listing of flowers begins on page 29

Super Giant Aster, El Monte

Petunia, Flaming Velvet

Antirrhinum, White Spire

All-America Parade 1936

Marigold, Dwarf Royal Scot Alldouble

Special Mention, All-America Selections, 1937

3951 A new, deserving strain of the dwarf French Royal Scot. The color is a rich mahogany and gold in uniform stripes and the flowers are practically all double, something quite new in the French types. Plants are dwarf and bushy, being about 10 to 12 inches tall. Illustrated at right. Pkt., 25 cts.; 1/16 oz. 40 cts.; 1/8 oz. 65 cts.

Rust-proof Antirrhinum, White Spire

Special Mention, All-America Selections, 1937

3069 A new Rust-resistant, maximum type Snapdragon that should be accepted with enthusiasm. Compact growth with clean white flowers on good, strong spikes. Quite true with few off-colored plants. Illustrated at right. Pkt., 25 cts.; 1/16 oz., 45 cts.; 1/8 oz., 70 cts.

New Super Giant Aster, El Monte

Special Mention, All-America Selections, 1936

3127 Super Giant blooms of glowing red or crimson; fine new companion for Super Giant, Los Angeles, largest blooming Aster, introduced recently. The flowers of El Monte are large, full petaled, daintily interlaced and curled, borne on heavy non-lateral basal branched stems. Very early blooming, coming in before the California Giant and remaining in flower over a long period. Not wilt-resistant but highly recommended. Pkt., 15 cts.; 1/16 oz., 35 cts.; 1/8 oz., 60 cts.; 1/4 oz., $1.00.

Double Nasturtium, Dwarf Golden Gem or Globe

Award of Merit, All-America Selections, 1936

4112 A true dwarf type of the popular Double Gleam Nasturtium and the first-named color in the Gem type. The color is identical with the Golden Gleam and the habit and trueness compare favorably. Plant is 9 to 12 inches high, very compact with a profusion of sweet-scented double blooms. Pkt., 15 cts.; oz., 25 cts.; 1/4 lb., 65 cts.

Marigold, Dixie Sunshine

Award of Merit, All-America Selections, 1936

3938 New type from Dixie. The flowers are of medium size, double golden yellow and composed of many tiny five petaled florets. A late flowering variety; start very early. Pkt., 10 cts.; 1/16 oz., 25 cts.; 1/8 oz., 45 cts.

Petunia, Dainty Lady

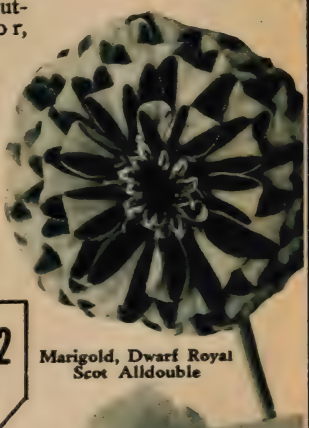
Award of Merit, All-America Selections, 1936

5076 Dainty Lady presents for your approval an entirely new color in Petunias—a delicate golden yellow, the first really yellow variety. The blooms are medium sized with beautifully fringed petals. Plants are neat, compact, semi-dwarf and free-flowering. Pkt. (150 seeds), 20 cts.; 1/64 oz. $2.75.

New Petunia Flaming Velvet

Gold Medal, All-America Selections, 1936

5079 A new variety in the Hybrida type, having the largest flowers in that group. Color is a brilliant, velvety blood-red or crimson. Very outstanding for color, type and uniformity with very few off color plants. Growth is about 18 to 20 inches tall and somewhat spreading. A very deserving introduction. Seed supply very short. Pkt. 15 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.



Marigold, Dwarf Royal Scot Alldouble

All-America Collection No. 2

One packet of each variety pictured on this page—5 packets (value $1).

75c Ppd.

Petunia, Dainty Lady

Complete flower cultural directions on page 30

Gigantea Marigold

Aquilegia Clematiflora
New, Spurless Variety

"Shaggy" Calendula

Recent, Deserving Flower

Harmony Marigold

Shirley Temple Sweet Pea

Marigold, Gigantea Sunset Giants, Mixed

3937 **A new 1937 introduction.** Claimed to produce the largest Marigolds ever known. The flowers are loosely formed, full centered, with broad, heavy, overlapping petals. They are definitely sweet-scented. Colors range from deep through golden orange, golden to lemon yellow and a delightful new shade of primrose. The plants are very strong growing and very prolific; 3½ to 4 feet high. The strain comes 60 to 65 per cent double. Will undoubtedly be accepted as a highly satisfactory garden and cut-flower variety. Pkt. 25 cts.; 1/16 oz. 40 cts.; ⅛ oz. 75 cts.

Aquilegia, Clematiflora

New, Spurless Variety

3104 Something really new in the hardy flowers. The flower is 3 inches in diameter, entirely spurless at the start, with about 20% of later blooms showing from one to three spurs. Color range is very complete with the exception of red and clear yellow shades. Plants are 2½ feet high and require a little extra care. Pkt. only 35 cts.

New Marigold, Harmony

3949 Very charming and distinct Dwarf French type. The flowers are Scabiosa-like with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. Plants are a foot high, free flowering and extremely early. 100% true. Pkt. 15 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.; oz. $1.25.

New Sweet Pea Shirley Temple

6255 So named in honor of Shirley Temple. One of the loveliest and most fragrant Sweet Peas. The blooms are a soft rose pink, daintily frilled and fluted. They are of colossal size, mounted on long stems. Plants are strong, vigorous and early flowering. Pkt. 20 cts.; ½ oz. 40 cts.; oz. 75 cts.

New Calendula, "Shaggy"

Gold Medal, All-America Selections, 1935

3379 The most graceful and most unique Calendula yet introduced. A new laciniated petalled type that is exceedingly attractive as illustrated above. The color is orange. Truly outstanding and especially desirable for the home garden. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.; oz. $1.25.

Petunia, Miniature Rose Gem

Award of Merit, All-America Selections, 1936

5071 A charming addition to the new miniature group of Petunias and a most pleasing and desirable color. Plants are about 6 inches tall and loaded with rich deep rose flowers. Blooms are about 2 inches in diameter. Plants are neat and compact. Pkt. (200 seeds), 15 cts.; 1/64 oz. 50 cts.; 1/32 oz. 90 cts.

Rust-Proof Snapdragons University of California Mixture

Certificate of Honor, 1935

3089 A new development that has again given Snapdragons the place they deserve. Comes 75% rust-proof with clean, healthy foliage. This mixture contains a long range of popular colors, equally suitable for the border or for cutting. Has proven to be highly satisfactory during past two seasons. Illustrated on front cover. Separate colors offered on page 32. Pkt. 15 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 65 cts.; oz. $1.85.

Aster, Super Giant Los Angeles

Award of Merit, All-America Selections, 1934

3125 The first of a new race of giant Asters; having long, strong stems, it promises to supersede all others for cut-flower use. Similar to Giants of California, but earlier, deeper, full centered with unusually curled and interlaced petals. Color is a shell pink. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 55 cts.; ¼ oz. 85 cts.

Novelty Collection No. 3

One packet of each variety pictured on this page—5 packets in all (Value $1.05). **85c**

Sunlight Tulip Poppy

Unwin's Hybrid Dahlia

Swiss Giant Pansy

Introductions of Merit

Sunlight Hunnemannia (Tulip Poppy)

Award of Merit, All America Selections, 1934

3687 New California Poppy of a clear canary yellow. Bred to come semi-double but in our trials came mostly single. Nevertheless, it is the best poppy we grew. It is profuse, long blooming and has long stems for cutting. Hardy but best grown as annual. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.; oz. $1.25.

Dahlia, Unwin's Dwarf Hybrids

3593 New strain that is being welcomed everywhere as a delightful addition to the garden. Produces double and semi-double flowers that echo the gayest tulips of springtime—clear yellow, scarlet, crimson, shades of pink and rose and salmon tints. Blooms in summer and until frost from spring sown seed and produces tubers for the next year. Plants are 18 to 24 inches high. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 60 cts.; ¼ oz. $1.00.

Phlox Drummondi, Gigantea Art Shades

Award of Merit, All-America Selections, 1935

6019 A new strain of Phlox Drummondi with flowers 1¼ inches to 1½ inches in diameter with a most wonderful range of color in soft art shades. They blend harmoniously to make a color combination never before seen in annual Phlox. Plants are about 9 inches high. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

Scabiosa, Grandiflora Rosette

6120 A glorious new color in annual Scabiosa. A beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. Destined to become a most popular garden and cutting variety. Pkt. 25 cts.; 1/16 oz. 35 cts.; ⅛ oz. 60 cts.

Novelty Collection No. 4

55c One packet of each variety pictured on this page—5 packets in all (Value 70 cts.)

Pansy, Swiss Giants Mixed

5020 A mammoth strain of recent introduction, the seed of which we import direct from Switzerland. The blooms, often measuring 3½ inches across, are well-rounded, perfectly shaped with thick velvety petals. There is a multitude of harmonious and enchanting shades, colorings and markings. One of the outstanding features of this strain is that the long, stiff stems hold the flowers well above the foliage. It is an excellent variety for either cutting or bedding. Pkt. 25 cts.; 1/16 oz. 85 cts.; ⅛ oz. $1.50; ¼ oz. $2.75.

Morning Glory, Heavenly Blue

(Blue Moon Flower)

4001 **IMPROVED STRAIN.** This variety has brought new and deserved popularity to Morning Glories and now this improved strain that produces blooms earlier and more profusely without rank foliage growth is more than welcome. Lovely flowers of intense sky-blue shading lighter toward center. They measure 3½ inches across and bloom until frost. Pkt. 10 cts.; ¼ oz. 45 cts.; oz. $1.25.

Heavenly Blue Morning Glory

Double Early Stocks, Giant Imperial, Mixed

6179 **Mixed Colors.** Outstanding because of the large flowers on long stems which make it especially desirable for cutting. Plant is of branching habit, very early blooming and produces a high percentage of doubles. Height, 26 inches. Very pleasing range of colors. For separate colors see page 53. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 55 cts.; ¼ oz. $1.00.

Coreopsis Grandiflora, Double Sunburst

3399 New. A pleasant change from the well-known single form, retaining its beauty of color while augmenting its effect of brilliance through the doubling of petals. Flowers are 2 to 3 inches across, deep golden yellow and fine keepers when cut. Plants are easy to grow. Remarkably true, coming about 80% double. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 70 cts.

Double Sunburst Coreopsis

See our quality bulb offerings on pages 18 and 19

ASTERS

Try Our New Wilt-Resistant Strains of Asters

The most pretentious Aster improvement ever accomplished and a boon to the amateur gardener who can again grow Asters in his own garden that will look just like those on the front cover. Many, many customers have written us enthusiastic letters about their success with our wilt-resistant Strains. We urge you who have not tried them to do so this year.

Please note that all Wilt-resistant strains are so indicated under each variety heading. All these are practically immune to Aster-wilt (Fusarium) or Stem Rot but are not resistant to "Yellows."

Aster Culture

Culture A (Page 30). Sow seed ⅛ inch deep. Hgt. 15 to 30 inches. Sun or partial shade. They can be grown in any ordinary soil but do best in rich, well-drained soil. Set early varieties 10 inches apart and later ones 15 to 18 inches apart.

Aster Cultural Leaflet Free on Request

Mr. Herman H. Brandes, Door Co., Wisconsin: *"Your seeds are the best we have ever had. I have had the best Asters from you, and everyone seeing them says so."*

Wilt-Resistant Asters BIG 3 COLLECTION

The original reason we offered this wilt-resistant collection was to give everybody the opportunity to try these new Asters and have an abundance of them. Due to its great popularity it appears as though we will have to offer it indefinitely.

Pkt. Semple's Wilt-Resistant, Mixed
Pkt. Early Beauty Wilt-Resistant, Mixed
Pkt. Crego Wilt-Resistant, Mixed

3 Packets 25 cts.

Giants of California

Improved. This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list. Florists are demanding these for their discriminating trade, while those who demand the finest for their gardens also choose them. (See illustration above.) The plants reach a height of 3 feet, blooming from July to frost.

3130 **White** — 3134 **Deep Rose**
3132 **Light Blue** — 3136 **Dark Purple**

Any one above: Pkt. 10c; 1/16 oz. 25c; ⅛ oz. 45c.

COLLECTION: One pkt. each above 4 colors, value 40 cts. **35c**

3140 **MIXED.** Above and others. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

New Giant of California Sunshine

3320 **Sunshine, Mixed.** A most attractive new type which has been rightly called the most beautiful Aster in the world. The large flower, 4 to 5 inches across, with its loosely placed, twisted and quilled petals surrounds a cushion center of tiny quills of a contrasting color. Plant, 2 to 3 feet tall. (See illustration above.) The strain is not entirely fixed but comes 60 to 65% true. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.: ¼ oz. 85 cts.

New Super Giants

A new class with the largest and most fully double blooms known. (6 to 8 inches.) Similar to Giants of California but earlier and deeper, with unusually curled and interlaced petals.

3125 **Los Angeles. Award of Merit, All-America Selections, 1934.** Beautiful shell-pink. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 55 cts.

3127 **El Monte. Award of Merit, All-America Selections, 1936.** Glowing red or crimson. (See page 23.) Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 60 cts.

 Mr. Marquardt, Iowa: *"Your seeds show better germination than those from four other companies"* True Blue Booster

Many Improved Strains—Wilt-resistant Varieties

Wilt-resistant Crego Aster

Early Beauty Wilt-resistant Aster

Improved Crego—Wilt-resistant Strain

An improved, wilt-resistant strain of this fine old, popular type. Flowers are large, double and have long, narrow, gracefully curled and interlacing petals as shown in photograph above. Plants are robust, branching, about 2½ feet tall. Blooms from late August to late September.

3238 **Blue Flame.** **An entirely new wilt-resistant Crego Aster.** A bright navy blue, distinct from any other blue or purple Aster now offered. Has large, comet type, fully double flowers on branching plants. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3241 **White** 3242 **Rose** 3243 **Pink** 3244 **Violet**
3245 **Purple** 3246 **Crimson** 3247 **Azure Blue**
Any one above: Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40c.

COLLECTION: **One pkt. each above 8 colors, value 80 cts.** **65c**

3248 **MIXED.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40c.

3310 **Lilliput Flowered.** FINEST MIXED. **(Pompon Type.)** Abundance of small flowers in a large color range. Fine for cutting. Plants 14 to 16 inches high. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

Golden Sheaf—Wilt-resistant Strain

3295 *New.* The deepest yellow aster yet offered and the only one that is wilt-resistant. The flowers are fully double with crest-like center, of good substance and fine depth of petal. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.

3315 **Aurora.** A splendid free-flowering Aster with large flowers, quilled centers and outer band of broad petals. Color is blue with yellow center. Height 2 feet. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.

Mrs. Samuel Brenton, Logan Co., Ohio; *"I want to tell you what wonderful fine Asters I had from your seed last year. People would stop and look at them from the road. There were lots of blooms on them when frost came."*

Early Beauty—Wilt-resistant Strain

The plants are of very strong, vigorous growth, from 2½ to 3 feet high. The large flowers, of Semple type, borne on long stiff stems, bloom in early August and last until frost.

3181 **White** 3182 **Lavender**
3183 **Crimson** 3184 **Purple**
3185 **Azure Fairy** 3187 **Sept. Beauty,** pink
Any one above: Pkt., 10c; 1/16 oz., 25c; ⅛ oz., 45c.

COLLECTION: **One pkt. each above 6 colors, value 60 cts.** **50c**

3188 **MIXED.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 85 cts.

Giant Ostrich Plume—Wilt-resistant Strain

A charming large-flowering class, the blooms of which resemble the Giant Comet Asters, having the same curled and twisted petals. Height 2 feet.

3263 **White** 3264 **Deep Rose** 3265 **Crimson** 3267 **Pink**
3266 **Dark Blue** 3268 **Azure Blue** 3269 **Peach Blossom**
Any one above: Pkt., 10c; 1/16 oz., 20c; ⅛ oz., 35c.

COLLECTION: **One pkt. each above 7 colors, value 70 cts.** **60c**

3270 **Mixed.** Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

Arthur L. Clark, Cuyahoga Co., Ohio: *"I won ribbons with your Sensation Asters and Yellow Supreme Marigolds."*
Miss Elizabeth E. Fox, Cumberland Co., Maine: *"The Aster seeds of yours I planted were up in two days."*
C. W. Garrett, Alachua Co., Florida: *"Your Aster collection we purchased produced most gorgeous flowers this year."*

Livingston's Superb Blend of Giant Wilt-resistant Asters

A magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in color, perfect in form.

3330 **This mixture includes the cream of all the Asters** of the most beautiful forms and colors. It has been especially selected from the finest, large-sized, double-flowering types. **Pkt., 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 60 cts.; oz. $1.75.**

True Blue Booster Mr. Hubbard, Oregon: *"Germination as near 100% as could be asked and varieties all true to name"*

Semple's Giant Late Branching Aster

At the right is shown a planting of wilt-resistant Asters which shows the great possibilities of our Garden Club Aster Collection offered below. Every variety is wilt-resistant.

Asters
Continued

Semple's Giant Late Branching Wilt-resistant Strain

Comes into bloom from one to two weeks later than most others but is at the head of the list for both home-gardeners and florists because of its large size, fine stem, beauty of form and color. The Chrysanthemum-like bloom is at its best in September. Plants are 2½ to 3 feet tall, vigorous, strong and very branching.

3161 **Pure White** 3165 **Crimson**
3162 **Shell Pink** 3166 **Light Rose**
3163 **Azure Blue** 3167 **Peach Blossom**
3164 **Purple**

Any one above: Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

COLLECTION: 1 pkt. each above 7 colors, value 70 cts. **60c.**

3168 **MIXED.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 70 cts.

Improved Queen of the Market Wilt-resistant Strain

Two to three weeks earlier than most others, blooming in early July. Shape is similar to Semples; branching habit; height 1½ feet. Useful for cutting and early market.

3203 **Crimson** 3204 **Dark Blue** 3205 **Scarlet**
3206 **White** 3207 **Flesh Pink**

Any one above: Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

COLLECTION: One pkt. each above 5 colors, value 50 cts. **40c.**

3208 **MIXED.** Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 65 cts.

3297 **Sensation—Wilt-resistant.** The darkest red of all Asters. Flower is fully double, averaging 3 inches in diameter. The plant is of the true branching type and about 1½ feet high. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 65 cts.

3291 **Heart of France—Wilt-resistant.** The best pure red ever introduced. The flowers are large and full with no trace of hollow center. The plants are of the branching type and very robust. Blooms come quite early and continue for a longer period than most others. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

Fred Burbank, Warren Co. N. Y., writes: *"I have used your seeds for a good many years and have always been well pleased with them. Don't want any other seeds."*

Bruno E. Ritter, Blair Co. Pa., writes: *"There is no seed gives me so much satisfaction as Livingstons."*

Our Garden Club Aster Special

Livingston's Exhibition Aster Collection 7 Pkts. 50c

All Wilt-Resistant Varieties

One packet each, **Semple's Giant Branching, Mixed; Giant Ostrich Plume, Mixed; Crego, Mixed; Queen of the Market, Mixed; Early Beauty, Mixed; King, Mixed; Sensation.** Most complete assortment of early, medium-early and late Asters it is possible to offer at such a price.

Would cost 70 cts. purchased separately

King—Wilt-resistant Strain

Similar to the branching type. About 2½ feet high with long, stiff stems. Has distinct type of flower; round, full and very large, many measuring 4 to 5 inches in diameter. Petals resemble quilled varieties but are longer and broader.

3222 **King White** 3224 **Peach Blossom**
3225 **Crimson** 3226 **Blackish Blue**

Any one above: Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

COLLECTION: One pkt. each above 4 colors, value 40 cts. **30c**

3228 **MIXED.** Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 65 cts.

3294 **PEERLESS YELLOW.** Midway between Cregos and Late Branching varieties. A beautiful yellow flower with centers covered with curled and twisted florets. A vigorous branching type. Considered the best yellow. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

Hardy Aster (Michaelmas Daisy)

Native wild Asters are ideal for the hardy border or rock garden. They supply masses of dainty and bright colors.

3335 **Alpinus, Mixed.** Culture J; sow seed ⅛ in. deep; height up to 15 inches. Pkt. 10 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.; ¼ oz. $1.15.

See Livingston's Distinctive Offer of Blended Flower Seeds, Pages 20, 21

Mr. Howard E. Betzig, Racine Co., Wisconsin: *"Had great success with all seeds purchased from you the past two years."*

Mr. Ernest Karr, Harrison Co., Ohio: *"I have used your seeds for two years and everything has been the very best."*

Livingston's Serial Picture Story

Picture Proof of "True Blue" Quality

We believe that you buy seeds largely upon a quality and confidence basis—confidence in the people who supply them. Because of this belief we have operated big trial grounds, as pictured here, since the start of this business in 1850. Here is where new varieties are created, old varieties are improved and standard varieties are tested under actual growing conditions the same as exist in your garden. The seeds we offer to you must pass rigid growing tests before you get them.

We call these trial grounds our "quality and confidence manufacturing plant." This operation costs money but, if conscientiously conducted, attracts new and holds old customers on a justified quality and confidence basis. We believe that this is the only way that you can be assured of a "Square Deal."

Continued on page 30

Livingston's "TRUE BLUE" Flower Seeds

How to Succeed with Flowers

Demand Quality Seed

Your success with flowers depends largely upon the quality of the seed you buy and the proper method of growing the plants. There is a difference in the germinating and productivity qualities of flower seeds. If the amount you invest in flower seeds is invested in quality rather than quantity, there is no doubt but that you will have better success.

Depth of Sowing as Related to Germination

We know that seeds cannot be exempt from all blame for poor results but the most common cause of failure to germinate is improper sowing. There is a decided relation between the depth to which seeds are sown and their germination power. The most frequent mistake is sowing too deeply when the seeds do not get air and cannot push through the layer of soil above them. Flower seeds vary as to size, shape and length of time required to germinate. Extremely small seeds, such as Petunias, should be sown on the surface and merely pressed into the soil. Large seeds, such as Sweet Peas and Nasturtiums should be sown to a depth four times their diameter. Another mistake may be in fining down the soil. If it is too fine, after wetting, it binds and becomes hard preventing root development. The proper depth to sow seeds is given under each variety heading in this catalog.

Sowing Seed in the Garden

After frost is out of the ground it should be dug and broken up to a depth of at least 9 inches, mixing in plant food if necessary. Pulverize the top soil well and sow the seed evenly, covering as directed herein. Keep the soil at as even moisture as possible until the little plants appear. Thin or transplant as necessary to prevent crowding. Water thoroughly every few days instead of a light sprinkling every day and cultivate often to keep down weeds and to retain moisture in soil.

Growing Seedlings Inside

The ideal box for growing both flower and vegetable seedlings is a window flat about 3 to 4 inches deep. For a few plants, any shallow box (cigar box) will do. In any event, place holes in the bottom for drainage. Fill to a depth of 1 inch with cinders or gravel, and the remainder with good, well sifted garden loam to within ¼ inch of the top. Place furrows in the soil 2 inches apart and sow seed to depth as indicated under each variety heading.

Place the box in a pan of water and let the water be absorbed from the bottom until the top soil shows moist. Let the surplus water drain out. Cover top with glass or paper and place in warm location. Turn the cover several times a day to prevent moisture forming. As soon as the seeds have germinated remove the cover and place in window, preferably with southern exposure. Give the seedlings as much air and sunshine as possible but shade them from the noon sun if it is extremely hot. After the plants are well up, keep them cool rather than warm, and grow them slowly. The soil should be kept moist but not wet. This should be done with bottom moisture as above. Before the plants are transplanted into the garden, they should be hardened off. On mild days expose them to the outdoors and they will soon be able to stand the outside weather without injury.

The Cause of "Damping Off"

"Damping off" and Rots of seedlings are actually caused by living germs that live in the soil. If the seedlings are not killed before they emerge they are attacked again at the soil level and topple over and die. Attention to proper moisture, ventilation and transplanting to prevent overcrowding tends to decrease this disease. The most successful way of combating it is to sterilize the soil with FORMACIDE or treat the seed with CUPROCIDE. (Both are offered on page 15.)

FREE 10 cent Value with Each $1 Purchase of Seeds. (See Page 2)

"MY POCKET GARDEN GUIDE"

Handy, useful, pocket size folder. **Free with $1.50 orders on request.** (See offer, page 2.)

Livingston's Serial Picture Story

Continued from page 29

Our Flower Seed "Quality Building Plant"

The trend in recent years has been to more and better flowers and here in our flower seed workshop, portions of which are illustrated, we have kept abreast of the times. Here we test standard varieties and constantly endeavor to find or create improvements—here we grow seeds for stock purposes—here is where "Yellow Supreme" Marigold, our recent introduction, was perfected and is grown (upper left illustration) for seed purposes.

Continued on page 40

Cultural Directions for Flowers

Under each flower variety heading on the following pages you will find keyed references which refer to the information given below. These keys indicate whether the variety is an annual, perennial, etc., and what culture it takes. The depth to sow the seed is also given. This same information is given on each packet we send you. The depth you sow the seed is very important. Lack of this information has been a common cause of failure with flowers. We hope the simplified way we tell you "how" contributes to your success with flowers this year.

KEY TO SYMBOLS

- *a* **Annuals.** Attain full growth from seed in one year, bloom and die.
- *b* **Biennials.** Generally bloom second year, then die. Some planted early, bloom same year.
- *p* **Perennials.** Endure winters. Live and bloom several seasons.
- *ra* **Rock-Garden Annual.** Usually of dwarf growth.
- **Rock-Garden Perennial.** Hardy, dwarf growth.
- **House Plants.** Mostly grown inside the year around. Some bloom outside in summer.
- *ca* **Climbing Annual.**
- *cp* **Climbing Perennial.**

Culture A.—Sow seed inside in shallow box of well pulverized soil in early spring covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, cover with glass or paper and place in warm location until germination, after which, remove cover and place in sunny window, applying bottom moisture as needed. When large enough to handle, thin or transplant 2 inches apart in other boxes and gradually expose to outside conditions. Plant outside after danger of frost. This seed may also be sown outside in the garden in well pulverized soil after frost.

Culture B.—Sow seed outside in well pulverized soil after last killing frost covering to depth as indicated under variety heading; firm down and keep moist. Thin or transplant as necessary. If earlier bloom is desired, sow inside in shallow box of well pulverized soil in early spring covering to depth as indicated under variety heading and treat the same as in culture A above. Thin or transplant 2 inches apart in other boxes and plant outside after frost.

Culture C.—Sow seed thinly outside in the garden in well pulverized soil after last killing frost covering to depth as indicated under variety heading; firm down and keep moist. Thin out as necessary so that plants are not crowded. It is best to sow this seed where the plants are to remain as they do not transplant very successfully.

Culture D.—Sow seed outside in early spring as soon as the soil can be well pulverized covering to depth as indicated under variety heading; firm down and keep moist. Thin or transplant as necessary. For very early bloom, sow outside in late fall just before freezing weather, or can be started quite early inside in box as in culture A and transplanted outside after frost.

Culture E.—Sow seed inside in shallow box of well pulverized soil, preferably during spring months, covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, cover box and place in warm location until germination, after which, remove cover and place in sunny window applying bottom moisture as needed. When large enough to handle, transplant to pots and shift to larger pots as necessary.

Culture F.—Sow seed inside in shallow box of well pulverized soil in late winter covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, cover box and place in warm location until germination. When large enough to handle, transplant 2 inches apart in other boxes and plant outside after frost. For earlier bloom sow seed in fall, carry over in coldframe and plant out in spring. June sown seed will bloom in fall.

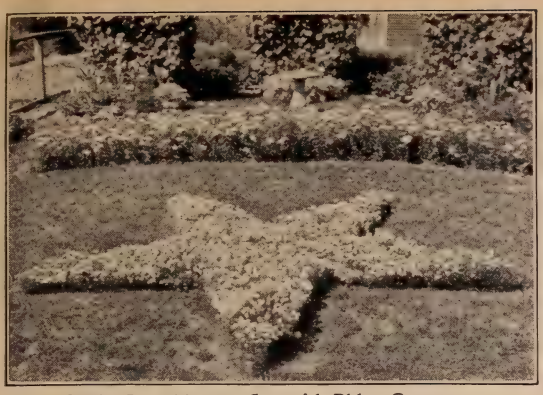
Culture G.—Sow seed inside in shallow box of well pulverized soil in early spring covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, cover box and place in warm location until germination, after which, remove cover and place in sunny window applying bottom moisture as needed. When large enough to handle transplant 2 inches apart. When 2 to 3 inches high, shift to pots or plant outside after frost.

Culture H.—Sow seed inside in shallow box of well pulverized soil in early spring covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, cover box and place in warm location until germination, after which, remove cover and place in sunny window applying bottom moisture as needed. When plants are large enough to handle, transplant 2 inches apart in other boxes. Plant outside after frost. In the fall take up roots and store in cool, dry place. Can also be sown outside after frost.

Culture J.—Sow seed thinly in shallow box of well pulverized soil after frost and any time up to August or September 1st covering to depth as indicated under variety heading; firm down with board. Apply bottom moisture, place in cool shaded outdoor location and give additional moisture as needed. Thin as necessary and transplant to permanent location when large enough to handle. Give protection the first winter. Can also be sown in the fall, carried over in coldframes and planted outside in the spring.

Culture K.—Sow seed thinly outside in well pulverized soil in early spring and any time during summer covering to depth as indicated under variety heading; firm down and keep moist. Thin out as necessary. Seed should be sown where plants are to remain as they usually do not transplant very successfully. Provide protection the first winter.

ASTERS Wilt-resistant Strains See pages 26, 27, 28 • General Listing of Other Flower Seeds from Page 31 to Page 56.



Little Gem Alyssum Star with Phlox Crescent

Anemone
Sweet-scented perennials that are ideal for the hardy border or rock garden.

Mrs. Scott Elliott's Long-spurred Aquilegia
Large blooms with long spurs make this variety most popular.

Alyssum *a-p*

Culture B (Page 30). Sow seed 1/16 inch deep. Hgt. 6 to 9 in.; sun or partial shade; blooms June to frost; fragrant; cut back for successive bloom; does well in any soil. Fine for bedding, cutting, rock gardens and edging.

3032 **Little Gem or Carpet of Snow.** *a* A very dwarf, compact-growing variety. While only 6 inches in height, each plant will carpet a circle from 20 to 30 inches in diameter, and form a solid mass of snow-white flowers of delicious fragrance. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.; oz. 85 cts.

3030 **MARITIMUM.** *a* One of our most popular hardy annuals. Blooms continually from earliest summer until frost. 10 inches. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.; oz. 40 cts.

3036 **LILAC QUEEN.** *a* Of compact habit. Pretty, deep lavender-lilac flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3034 **Saxatile compactum.** *rp* (Golden Saxatile or Basket of Gold). Perennial variety; culture J; sow seed ⅛ in. deep; hgt. 9 in.; blooms May and June. Fine for rock-work; does well in sun or partial shade and any ordinary soil, thoroughly drained. Brilliant golden yellow. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3028 **ROCK GARDEN MIXTURE.** *rp* Hardy, dwarf sorts. Culture same as above. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Anagallis *ra*

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 6 to 9 in.; prefers sun; blooms from June on. Sometimes called "Poor Man's Weatherglass" because the flowers close at approach of bad weather. Excellent for border and rock-garden.

3038 **Blue Bird.** Turquoise-blue. Spreading plant and free bloomer. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3039 **Mixed.** Blue and Scarlet. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Ageratum (Floss Flower) *a*

Culture B (Page 30). Sow seed 1/16 inch deep. Hgt. 4 to 8 in.; sun; profuse bloom from July to frost; does best in light, sandy soil. Splendid for edging, cutting, rock-gardens, house plants, and porch boxes.

3020 **BLUE CAP.** New. Larger flowers and deeper blue than others. Very dwarf and compact. Pkt. 15 cts.; 1/16 oz. 40 cts.; ⅛ oz. 65 cts.

3012 **Perfection Blue.** Deep amethyst-blue. Compact growth, 8 inches high. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3014 **Little Blue Star.** Dwarf, bushy growth, bright blue flowers. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

3016 **Mexicanum.** Lavender-blue. 1½ ft. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3018 **FINEST MIXED.** All the best varieties. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Aquilegia (Columbine) *p*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; moist, partially shaded location; rich, sandy soil; blooms May to July and leaves handsome foliage to assist other less fortunate blooms. Ideal for bedding and cutting.

3090 **Mrs. Scott Elliott's Strain of Long-spurred Hybrids.** Most popular variety. Extra large blooms with very long spurs. Colors range through most harmonious number of shades fitted for any garden plan. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

3104 **Clematiflora.** **A new spurless Columbine.** Has blooms about 3 inches in diameter which are entirely spurless at the start of flowering; 20% of late blooms show from one to three spurs. Full color range except red and clear yellow. Plants grow about 2½ feet high and require little more care than ordinary. (Illustrated on page 24.) Pkt. only, 35 cts.

3092 **LONG-SPURRED SINGLE HYBRIDS.** Large brilliantly colored, long-spurred flowers ranging through every conceivable shade. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3100 **Chrysantha.** Exquisite pale gold. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3102 **Caerulea.** *r* (Rocky Mountain.) Alluring blue; 24 inches. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 55 cts.

3096 **Double Varieties, Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3098 **Single Varieties, Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Anemone (Windflower) *rp*

Culture H (Page 30). Sow seed ⅛ in. deep. Hgt. 12 to 18 in.; sun or partial shade. An obliging sweet-scented perennial, fine for cutting and ideal for the hardy border or rockery.

3040 **ST. BRIGIDS STRAIN.** The true Irish variety. Fine array of mixed colors varying from maroon to pinks and purples. Plant 12 inches tall; blooms in May and June. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

3042 **Sylvestris.** (Snowdrop Windflower.) Sweet-scented white flowers on 12 to 18 inch stems. Blooms in April and May. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Spraying and Dusting Calendar—Page 93

Giant-Flowered Snapdragons

Arabis (Rockcress) *rp*

Culture J (Page 30). Sow seed 1/8 in. deep. Hgt. 12 in.; sun; blooms in April; satisfactory in poor soil. Fine for dry wall.

3108 **Alpina.** Dainty, pure white flowers. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

Asparagus *h*

Culture E. Soak seed over night, sow 1/2 inch deep. House plants.

3116 **Plumosus nanus.** (Climbing Lace Fern.) Half-hardy. Pkt. 15 cts.; 100 seeds 40 cts.

3118 **Sprengeri.** (Emerald Feather.) Minute rose flowers. Grows freely. Pkt. 10 cts.; 100 seeds 30 cts.

Aubrietia *rp*

Culture J (Page 30). Sow seed 1/8 inch deep. Hgt. 6 in.; sun; blooms April and May; satisfactory in poor soil.

3336 **Large-flowering Hybrids, Mixed.** Dwarf, creeping plants; endless variation of vivid colors. Pkt. 15 cts.; 1/16 oz. 35 cts.

Arenaria *rp*

Culture J (Page 30). Sow seed 1/8 inch deep. Hgt. 6 in.; sun; blooms May and June; tolerant of heat and drought.

3110 **Montana.** Tufted growth with myriads of charming white flowers. Pkt. 15 cts.; 1/32 oz. 40 cts.; 1/16 oz. 75 cts.

Antirrhinums (Snapdragons) *a-p*

Culture D (Page 30). Sow seed 1/16 inch deep. Hgt. 1 to 2 ft.; sun or partial shade; blooms July on; pinch tops for low branching and profuse blooming. Fine for cutting and garden decoration.

New Rust-Proof Varieties

The development of Rust-proof varieties has returned Snapdragons to the popularity they deserve. Having proved highly satisfactory we have enlarged our list this year. For a high degree of satisfaction we recommend them.

MAXIMUM TYPES. Giant blooms on long spikes up to 30 inches tall.

3087 **Pearl.** Glistening white.

3088 **Crimson.** Pure crimson overlaying orange.

Price of either: Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

White Spire. Special mention, All-America Selections, 1937. See page 23.

NANUM GRANDIFLORUM TYPES. Medium tall, large flowering.

3071 **Red Boy.** Rich deep scarlet.

3073 **Wildfire.** Orange-scarlet with yellow lip.

3075 **Carmine Rose.**

3081 **Glowing Sunset.** Velvety scarlet with rose tinge.

3083 **Indian Girl.** Brownish-orange overlaid yellow.

Any one above: Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.; 1/4 oz. 75 cts.

3089 **"University of California" RUST PROOF MIXTURE. Certificate of Honor, All-America Selections, 1935.** Fine range of colors. Illustrated in color on front cover. Pkt. 15 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.; 1/4 oz. 65 cts.

Giant-Flowered Maximum Varieties

Slightly taller than the Majus group. Flowers are of magnificent size, closely placed on long stems. Slightly variable in size and color. (See illustration at left.)

3050 **Old Gold.** Deep golden yellow.

3052 **Canary Bird.** Canary-yellow.

3054 **Purple King.** Deep purple.

3056 **Copper King.** Copper-scarlet.

3058 **Ruby.** Rich, velvety ruby-red.

3060 **The Rose.** Begonia-rose.

3062 **Snowflake.** Pure white, yellow lip.

Any one above: Pkt., 10 cts.; 1/16 oz., 25 cts.; 1/8 oz., 40 cts.

COLLECTION: One pkt. each above 7 colors; value 70 cts. 55c.

3070 **Livingston's Giant-Flowering Maximum Blend.** Every desirable color and shade is in this class. Individual flowers and flower-spikes are of great size. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.; 1/4 oz. 65 cts.

3072 **LARGE-FLOWERING MAJUS, MIXED.** An elegant assortment of innumerable rich colors and shades. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

Greenhouse Forcing Varieties

3077 **CEYLON COURT (Majus Type).** Beautiful canary yellow. Pkt. 15 cts.; 1/32 oz. 35 cts.; 1/16 oz. 60 cts.

3079 **CHEVIOT MAID SUPREME.** Improved clear pink. Pkt. 15 cts.; 1/32 oz. 75 cts.; 1/16 oz. $1.25.

3080 **JENNIE SCHNEIDER. (Nanum Grandiflora Type).** A Beautiful, new rose-pink, early forcing variety. **Pkt. 15 cts.; 1/32 oz. 40 cts.; 1/16 oz. 75 cts.**

3082 **AFTERGLOW.** Deep golden bronze. **Pkt. 15 cts.; 1/32 oz. 75 cts.; 1/16 oz. $1.25.**

3085 **GREENHOUSE VARIETIES, MIXED.** Pkt. 15 cts.; 1/32 oz. 85 cts.; 1/16 oz. $1.25.

Dwarf Snapdragons For Your Rockery

3074 **Rock Hybrids.** *r* Early-flowering dwarf hybrids, 6 inches tall. Compact bushes. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

3086 **Majestic, Mixed.** A new type of semi-dwarf growth, but having flowers of giant size. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

Anchusa

Culture A (Page 30). Sow seed 1/16 inch deep. Compact plant; 2 ft. high. Combines well with Coreopsis, lanceolata.

3044 **Angustifolia Capensis, Blue Bird.** *a* Vivid indigo blue flowers in drooping clusters. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.

3045 **Myosotidiflora.** *p* Hardy variety. Pale blue forget-me-not blossoms. Blooms April and May; 1 ft. high. Culture J. Pkt. 15 cts.; 1/32 oz. $1.25.

Balsam

Cerastium

Sunshine Calendula

Balsam [a]

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; sun or partial shade; blooms August and September from spring sown seed; best in light, rich soil.

3350 **LIVINGSTON'S PREMIUM BLEND.** Large, double flowers. Varied and brilliant colors. Pkt. 10c; ⅛ oz. 15c; ¼ oz. 25c.

3348 **BUSH FLOWERING, MIXED.** Free-flowering, double. Flowers come in clusters at top of stem. Pkt. 10 cts.; 1/16 oz. 25 cts.

3354 **DOUBLE MIXED.** Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 55 cts.

3360 **BALSAM APPLE and PEAR (Momordica), Mixed.** *a* Vining. Golden yellow fruit. Brilliant blood-red interior. Pkt. 10c; ¼ oz. 20c.

Begonia [h]

Culture E (Page 30). Sow seed on surface and firm soil. Hgt. 12 in.; blooms May to October, and inside in winter. Withstands drought.

3364 **Gracilis Luminosa.** A brilliant, fiery, dark scarlet. The plant is of sturdy growth, forming dense bushes 1 foot high, hidden with flowers from May until frost. Pkt. 15 cts.; 1/64 oz. 65 cts.

3366 **Vernon.** Bright orange-carmine flowers and very dark leaves. Pkt. 10 cts.; 1/32 oz. 25 cts.

3370 **Finest Mixed.** A superior assortment. Pkt. 10c; 1/32 oz. 25c.

Cacalia [a]

Tassel Flower or Paint Brush

Culture A (Page 30). Sow seed ⅛ inch deep. Hgt. 18 inches; sun or partial shade. Fine in border and as cut flower.

3372 **Mixed.** Scarlet and orange flowers on long wiry stems. Pkt. 10c; 1/16 oz. 20c; ⅛ oz. 35c.

Canna [a]

Culture H (Page 30). File off one end of seed, soak over night and sow 1 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost.

3436 **Large-Flowering French Hybrids, Mixed.** Easily grown from seed. Pkt. 10 cts.; oz. 40 cts.

Chelone [p]

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. about 3 ft.; sun. Flowers oddly resemble a turtle's head; useful for cutting.

3510 **Barbata Praecox.** Rich colored early flowering hybrids. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

GET RID OF ANTS with "ANT GAS." See page 15.

Calendula (Pot Marigold) [a]

Culture B (Page 30). Sow seed to depth 4 times their size. Hgt. 12 to 18 in.; sun or partial shade; blooms July to frost, even in poor, dry soil. Fine for bedding, borders, house plants and cut-flowers.

3379 **Shaggy.** **Gold Medal, All-America Selections, 1935.** New laciniated petalled flowers of orange. Illustrated and further described on page 24. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3387 **Sunshine or IMPROVED CHRYSANTHA. Gold Medal, All-America Selections, 1934.** A clear, buttercup yellow with loosely arranged petals, incurved at center and reflexed at edges. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3385 **Golden Beam.** New introduction from Australia. Strong, wiry stems with buttercup yellow flowers, having long, loose, drooping quilled petals. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3386 **SENSATION.** Large, double orange flowers with a scarlet sheen. Unexcelled for cutting. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3384 **RADIO.** Orange flowers of medium size, with beautifully quilled petals. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3380 **Orange King.** Large, full double, deep orange. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 35 cts.

3382 **Ball's Orange, Improved.** A beautiful variety, adapted to forcing. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3381 **PASTEL BEDDING MIXTURE.** *New.* Dwarf types designed especially for the border. Many new shades. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3388 **FINE DOUBLE MIXED.** Pkt., 10 cts.; ⅛ oz., 15 cts.; ¼ oz. 25 cts.

Calamintha [rp]

Culture J (Page 30). Sow seed ⅛ in. deep. Hgt. 6 in.; sun; blooms May and June.

3376 **ALPINA.** Tufted growth; sheets of lavender blue flowers. Pkt. 15 cts.; 1/64 oz. 70 cts.

Cardinal Climber [ca]

Culture B (Page 30). Soak seed over night, sow ½ in. deep; sun; blooms July to October; prefers light soil. Pot for winter use.

3458 **Annual.** Vigorous growth, reaching 20 feet in a season. Beautifully cut foliage. Pkt. 10 cts.; ⅛ oz. 20 cts.

Cerastium [rp]

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 4 in.; sun; blooms June and July; satisfactory in poor and dry soil.

3508 **Tomentosum.** (*Snow-in-Summer.*) Silvery white foliage; abundance of snow-white flowers. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Cheiranthus [rp]

Culture J (Page 30). Sow seed ⅛ in. deep. Hgt. 9 to 12 in.; sun; blooms from May on and first year from early sown seed. Best used as biennial.

3512 **ALLIONI.** (*Siberian Wallflower.*) Dazzling fiery orange, 12-inch stems. Blooms freely and for this reason best used as a biennial. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3514 **Linifolius.** (*Alpine Wallflower.*) Lilac shade; 9 inches. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

Miss Eliza W. Durbin, Hardin Co., Ohio: *In spite of no care except weeding my Fantasy Zinnias were wonderful in prolific bloom, color, and size. The Orange Flare Cosmos, too, crowded many old varieties out of favor. My Yellow Supreme Marigolds were a second year success, all coming true to shape and color, about three and one-half, and deep through, making the resemblance to a carnation very striking."*

Ostrich Plume Celosia

Clarkia

Coreopsis, Mayfield Giant

Celosia (Cockscomb) a

Culture B (Page 30). Sow seed 1/16 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost from spring sown seed; prefers rich soil.

Ostrich Plume Varieties

Pyramidal plants tipped with brilliantly colored plumes. Ht. 3 ft.

3470 **THOMPSONI MAGNIFICA. Mixed.**

3472 **GOLD PLUME.** Yellow.

3474 **FIRE PLUME.** Scarlet.

Any one above: Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

COLLECTION: 3 varieties above **25c**

3465 **Flame of Fire.** New. Perfect pyramidal habit with feathery plumes of fiery scarlet. Good center head with many side branches. 18 inches. Pkt. 10 cts.; 1/64 oz. 25 cts.; 1/32 oz. 40 cts.

3466 **LILLIPUT, MIXED.** Free branching. Dwarf plume type. Pkt., 10 cts.; 1/32 oz., 25 cts.

CHINESE WOOLFLOWER. Unique type of Ostrich Plume. Forms large globular heads of rich color.

3464 **Crimson** 3460 **Mixed**

Price of either: Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Comb Varieties

3476 **GLASGOW PRIZE.** Dark crimson. Pkt., 10c; ⅛ oz., 25c.

3478 **Finest Dwarf, Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

Clarkia a

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 2 to 2½ feet; sun or partial shade; blooms from July to October. Fine for porch box or hanging basket.

3538 **ELEGANS, Choice Double Mixed.** Long stems; exceedingly bright and profuse bloom. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Coreopsis (Hardy Calliopsis) p

Culture J (Page 30). Sow seed to depth four times their diameter. Hgt. 2 ft.; sun; usually blooms from June on. One of the best yellows for cutting.

3399 **DOUBLE SUNBURST.** New. Deep golden yellow, double variety. Fully described on page 25. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3397 **MAYFIELD GIANT.** New strain of Australian origin. Extra tall and vigorous; deep golden-yellow perfect flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3398 **Lanceolata grandiflora.** (Harvest Moon.) Golden Yellow. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Calliopsis a

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; blooms June to September from spring sown seed. Will endure poor soil. Used for bedding, massing and cutting. Combines well with Canterbury Bells in a border planting.

3390 **HYBRIDA SUPERBA.** Pale yellow to rich orange and velvety brown. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3392 **Golden Wave.** (*C. Drummondi*). Golden yellow with brownish-red centers. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3394 **Mixed Tall Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3396 **Mixed Dwarf Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25c.

Candytuft (Iberis) a

Culture C (Page 30). Sow seed 1/16 inch deep. Hgt. 3½ to 12 in.; sun or partial shade; bloom June to October; prefers rich soil. For edging and cutting.

3400 **Miniature Gem.** **(New Hyacinth-Flowered.)** A dainty miniature variety about 3½ in. tall, producing 4 to 6 spikes of pure white flowers to the plant. Perfect for rockery. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3404 **ROSE CARDINAL.** Profuse bloomer; height 8 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3406 **EMPRESS or GIANT HYACINTH-FLOWERED.** Improved strain; height 12 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3402 **Large-flowering Dwarf, Mixed.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3412 **Mixed Annual Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 20 cts.; oz. 45 cts.

Hardy Candytuft

Culture J. Sow seed ⅛ inch deep. Hgt. 9 to 12 in.; sun; blooms April and May.

3414 **GIBRALTARICA.** *rp* Lilac, shading to white; blooms early. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3416 **SEMPERVIRENS.** *rp* Pure white. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 55 cts.

Mrs. J. Kuna, Monmouth Co., New Jersey: *"I am well satisfied with your seeds; in my opinion they are best of all. Have used them for 3 years and I believe that every seed grew and they are also true to color and name."*

Mr. Reynolds, Missouri: *"I like your seeds and prompt service"*

True Blue Booster

Campanula, Rotundifolia

Carnation, Red Grenadin

Carnation, Giant Marguerite

Canterbury Bells *b-p*

(Campanula)

Culture J (Page 30). Sow seed 1/16 inch deep. Hgt. 6 to 24 in.; sun or partial shade; withstands drought; prefers rich soil. For bordering, cutting and rock-work.

3420 **Livingston's Prize Blend.** *b* An elegant mixture of all finest classes and colors of single and double and "Cup and Saucer" varieties. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3422 **CALYCANTHEMA.** *b* (Cup and Saucer Bellflower). Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3424 **Finest Double Mixed.** *b* Pkt. 10 cts.; ¼ oz. 25 cts.

3426 **Finest Single Mixed.** *b* Pkt. 10 cts.; ¼ oz. 20 cts.

3428 **Pyramidalis Mixed.** *p* (Chimney Bellflower). A hardy perennial flowering in late summer. 4 to 5 feet. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

3430 **CARPATICA.** *rp* Beautiful free-flowering, hardy perennial. Height 9 inches. Light violet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3431 **ROTUNDIFOLIA. (Blue Bells of Scotland.)** *rp* Graceful plant; profusion of dainty blue bells. Height 12 inches. Pkt. 15 cts.; 1/32 oz. 65 cts.; 1/16 oz. $1.10.

3432 **TURBINATA.** *rp* Grows to 6 inches with beautiful cup-shaped flowers of violet blue smothering the plant. Pkt. 15 cts.; 1/32 oz. 30 cts.; 1/16 oz. 55 cts.

New Annual Canterbury Bells *a*

Culture A. Sow seed 1/16 inch deep.

3418 **MIXED. Gold Medal, All-America Selections, 1933.** Blooms from seed in less than six months. Colors include dark and light blue, pink, rose and white. Grows 2 to 2½ feet high and produces 6 to 8 spikes of bloom. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3417 **ANGELUS BELL.** Deep rose selection from above. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 55 cts.

3419 **LIBERTY BELL. Award of Merit, All-America Selections, 1934.** Deep violet blue. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 55 cts.

Chrysanthemums *p*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 2 to 3 ft.; sun; blooms August to October. Used in borders.

3516 **Japanese Hybrids.** Double. Pkt. 10 cts.; 1/32 oz. 50 cts.

3518 **Inodorum.** (*Bridal Robe.*) New; pure white; extra fine. Pkt. 10 cts.; 1/16 oz. 15 cts.; ⅛ oz. 25 cts.

Carnations

Hardy perennial variety. Two choice strains are offered below.

Culture G (Page 30). Sow seed ⅛ inch deep. Hgt. 6 to 18 in.; sun; blooms June to frost. For pot-plants, bedding and rock-gardens. Needs winter protection. Half-hardy.

3442 **Giant Marguerite.** Enormous flowers; colors most varied and brilliant. Comes **into full bloom four months from sowing** and continues until hard frosts. Our strains are semi-dwarf and strong growers. Height, 18 inches. Pkt. 10 cts.; 1/16 oz. 15 cts.; ⅛ oz. 25 cts.

3440 **LIVINGSTON'S PEERLESS BLEND. All bloom the first summer.** A very choice mixture. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

3446 **Chabaud's Giant Perpetual.** Comes into bloom in a little over four months from seed; extra-large size; fine range of colors; very sweet-scented. Mixed colors. Pkt. 10 cts.; 1/16 oz. 25 cts.

3448 **CHABAUD'S GIANT IMPROVED, Mixed.** A greatly improved strain. Blooms of large size and fine form. About 90 per cent double and highly clove-scented. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

3452 **RED GRENADIN.** *p* Hardy perennial. Double and single red flowers; no outdoor Carnation can equal it. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

3454 **DWARF RED GRENADIN.** *rp* Dwarf variety of above. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

3450 **Fine Double Mixed.** Pkt. 10c; 1/16 oz. 20c; ⅛ oz. 35c.

Cineraria

Culture E (Page 30). Sow seed on surface and merely cover. Hgt. 18 in.; house plant; does well outside in summer.

3525 **Multiflora Nana.** *New.* Dwarf plants with masses of small self-colored flowers. Dainty foliage. Pkt., 20 cts.

3526 **Livingston's Prize Mixture.** Contains richest colors; large. Pkt. 25 cts.; 1/128 oz. 80 cts.

3528 **Maritima.** *a* (*Dusty Miller*). Silvery white foliage. Height, 1 foot. Perennial, but usually grown as an annual. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

All-America Flower Selections, pages 22-25.

Giant-flowering Sweet Sultan

Centaurea

Culture D (Page 30). Sow seed ⅛ inch deep. Hgt. 2 feet; sun or partial shade; blooms July to October from spring sown seed. Endures poor soil. Fine for massing and cutting.

Cyanus (Bachelor's Button or Cornflower) [a-b]

3485 **Jubilee Gem.** Distinctly new dwarf variety with tufted foliage of bright green and double, vivid blue flowers. Height, 12 inches. (See page 22.) Pkt., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 65 cts.

3486 **BACHELOR'S BUTTON. Mixed.** The true old-fashioned Bachelor's Button of your grandmother's garden. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3490 **DOUBLE BLUE.** Identical in color to the popular single blue variety, but being a full, double flower makes it better for cutting. Also ideal bedder bordered with White Alyssum. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 75 cts.

Giant-Flowering Sweet Sultans (Imperialis) [a]

The blooms are borne on long stems. Of the easiest growth: very showy in the garden all summer long.

3496 **Giant Mixed.** An elegant assortment of colors. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

3498 **LIVINGSTON'S CHOICE BLEND** Fine blending of Bachelor's Buttons and Giant Sweet Sultans. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

White-Leaved Centaureas (Dusty Millers) [a]

Silver-foliaged plants, extensively used for edging, hanging-baskets, house plants, etc.

3502 **Candidissima.** Very thick, broadly cut, silvery white leaves. Height, 1 ft. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.

3500 **Gymnocarpa.** Leaves fern-like; silvery gray color. Fine for borders. Height 2 feet. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

Crucianella [rp]

Culture J (Page 30). Sow seed ⅛ in. deep. Hgt. 18 in.; sun or partial shade. Fine for rockery.

3568 **Stylosa.** Bright green prostrate foliage; terminal heads of rose flowers. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Cosmos, Extra Early Express

COSMOS [a]

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 5 to 6 ft.; sun; blooms August to October from spring sown seed and withstands drought but prefers rich soil. A decorative garden plant whose value is inestimable and a fine cut flower. Sow both early and late varieties and enjoy them longer.

Cosmos, Orange Flare

3565 **Orange Flare.** **Gold Medal, All-America Selections, 1935.** Early strain, blooming in 4 months from sowing seed. Blooms are a deep, vivid orange with foliage of light green. Plants are 2 to 3 feet tall with long, wiry stems. Illustrated in color on inside front cover. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3567 **Sensation.** **Award of Merit, All-America Selections, 1936.** A new, remarkably free-flowering strain, Flowers are mammoth in size (4 to 5 inches). Extremely early, blooming in 10 weeks from seeding. Comes in white and shades of rose and pink. Height, 4 feet. Pkt., 15 cts.; 1/16 oz., 45 cts.; ⅛ oz., 75 cts.

Extra-Early Mammoth-Flowering

This is a new strain of Cosmos selected for size of flowers and earliness. The growth is very rapid. Fine for cutting.

3552 **White.** 3554 **Pink.** 3556 **Crimson.**
Any one above: Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.; oz., 75 cts.

3558 **Mixed.** A well-blended mixture of white, pink, and crimson. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.; oz., 75 cts.

3548 **EXTRA EARLY EXPRESS, Mixed.** Flowers in about 50 days from sowing seed. Medium blooms; height 3 feet. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.; oz., 75 cts.

Late Mammoth-Flowering

3560 **MAMMOTH PERFECTION, GIANTS OF CALIFORNIA, Mixed.** Superb strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant, containing every shade known in this flower. They represent the highest developed type in Cosmos. Will keep a week in water after being cut. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 50 cts.

3562 **Lady Lenox, Pink.** Flowers are 4 to 5 inches in diameter. Color a delightful shell-pink, lighting up beautifully at night. Splendid variety. Height, 6 to 7 feet. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 50 cts.

3564 **Lady Lenox, White.** Similar to above except white. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 50 cts.

Double Crested or Anemone Flowered

3550 **Double Crested, Mixed.** A class, producing beautifully crested flowers which lend themselves to the most artistic arrangements. Pkt., 10 cts.; ⅛ oz., 45 cts.; ¼ oz., 80 cts.

NEW WILT-RESISTANT ASTERS

If you have become discouraged with Asters on account of wilt, try these new strains. See pages 26-28.

Digitalis (Foxglove)

Dahlia

You can grow many new types and colors from seed, offered below.

Giant Double White Shasta Daisy

Diener Strain. Large flowers on long, wiry stems.

DAISIES

a **ANNUAL—Culture C (Page 30)** *p* **PERENNIAL—Culture J**

Sow seed 1/8 inch deep; sun or partial shade; used in borders and fine for cut flowers. Does best in rich soil and cool situation; needs protection in winter.

3609 **Giant Double White Shasta.** *p* *New.* (Diener Strain.) Comes about 50% double with remainder semi-double and single with laciniated, curled and quilled flower petals. Large flowers (see illustration above), on long, wiry stems. Pkt. 15 cts.; 1/32 oz. $1.

3596 **Arctotis Hybrids.** *a* A new introduction from South Africa. Showy daisy-like flowers 2 to 3 inches across in various shades of red and orange. Grows about 12 inches in height. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.; 1/4 oz. 80 cts.

3598 **Arctotis Grandis** (African Daisy). *a* Glistening white variegated by under-surface of pale lilac-blue. Useful as cut-flowers from June until frost. Height 2 to 3 feet. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

3600 **Bellis Perennis, Monstrosa Mixed.** (English Daisy.) *rp* Includes the Pink and White Monstrosa as well as many other fine sorts. Hgt. 6 inches. Blooms May and June. Grow in moist soil that is not too rich; prefers shade. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

3608 **SHASTA ALASKA.** *p* Large flowers with three or more rows of pure white petals. Blooms abundantly for several months. Satisfactory in poor soil; prefers sun. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.

Dahlias

Culture H (Page 30). Sow seed to depth four times their size. Hgt. 3 to 5 ft.; sun; blooms July to frost.

3593 **Unwin's Dwarf Hybrids.** A fine new strain bearing semi-double flowers with an excellent color range that echoes the gayest tulips of springtime. Blooms in the summer and until frost from spring sown seed. Produces tubers which can be saved for the next year. Pkt. 15 cts.; 1/16 oz. 35 cts.; 1/8 oz. 60 cts.; 1/4 oz. $1.

3594 **Livingston's Superb Dahlia Blend.** Very Choice. Includes those below and many others. Pkt. 15 cts.; 1/16 oz. 45 cts.; 1/8 oz. 75 cts.; 1/4 oz. $1.25.

3590 **LARGE-FLOWERING CHOICE DOUBLE MIXED.** Very round, double flowers. Pkt. 10 cts.; 1/16 oz. 35 cts.; 1/8 oz. 50 cts.

3592 **Cactus Varieties, Choice Mixed.** Pkt. 10 cts.; 1/16 oz. 50 cts.; 1/8 oz. 90 cts.; 1/4 oz. $1.50.

Digitalis *b*
(Foxglove)

Culture J (Page 30). Sow seed on surface and merely cover. Hgt. 3 to 4 ft.; sun or partial shade; bloom June and July; light, moist soil. The large, tube-like flowers, produced freely in beautiful spikes, add much to hardy beds and borders. Foxgloves bordered with Canterbury Bells make an attractive display.

3650 **Gloxiniaeflora.** A beautiful class, with spotted flowers in a mixture of finest varieties. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.; oz. 85 cts.

3652 **MONSTROSA.** (Mammoth Foxglove.) A grand strain. The top flowers of the spikes are of enormous size. Fine assortment of colors makes this a splendid mixture. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.; oz. $1.25.

3654 **PURPUREA, Finest Mixed.** The common Foxglove so generally known. Pkt., 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.; oz. 90 cts.

Coleus *a*

Culture A (Page 30). Sow seed 1/16 inch deep. Hgt. 8 to 12 in.; sun or shade; rich soil benefits growth. For bordering and pot culture. Striking colors and brilliant variegated leaves.

3542 **Fine Mixed Hybrids.** Mixed seed from a very fine collection. Pkt. 10 cts.; 1/32 oz. 50 cts.; 1/16 oz. 75 cts.

3540 **Extra-Fine Mixed Hybrids.** Our finest mixture. Pkt. 15 cts.; 1/64 oz. 40 cts.

3544 **Large-leaved Fringed.** Beautiful leaves. Pkt. 20 cts.; 1/64 oz. 50 cts.

Cypress Vine
(Ipomea quamoclit) *ca*

Culture B (Page 30). Soak seed over night, sow 1/2 inch deep. Hgt. about 10 ft.; sun.

3580 **Finest Mixed.** A beautiful annual climber, with fernlike foliage and graceful star-shaped flowers. Pkt. 10 cts.; 1/4 oz. 20 cts.; oz. 50 cts.

Cynoglossum *a*

Culture A (Page 30). Sow seed 1/16 inch deep. Hgt. 18 to 24 in.; sun; thrives in dry, hot location and blooms from June to September. Fine for borders and cut flowers.

3576 **Amabile Blue** (Chinese Forget-Me-Not). Produces large sprays of brilliant blue Forget-Me-Not like flowers, delicately sweet-scented. A Chinese introduction. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.; oz. 75 cts.

Dianthus, Loveliness
New, charming variety

Delphinium, Wrexham
A choice strain

Rock Garden Planting of Hardy Pinks

Delphinium

(Hardy Larkspur)

Culture J (Page 30). Sow seed to depth four times their size. Hgt. 2 to 6 feet; persistent bloomer from June to August and thrives in sun or partial shade and driest seasons. Rich soil will produce larger and better blooms.

3616 **Wrexham (Hollyhock Strain).** Greatest advance yet made. Large spire-shaped spikes of single and double blooms, some 3 inches in diameter, in all colors peculiar to Delphinium. Pkt., 25 cts.; 1/16 oz., 60 cts.; ⅛ oz., $1.15.

3610 **Giant Flowering Hybrids, MIXED.** Magnificent class with splendid spikes of semi-double and double blooms, ranging from pure white to lavender and blue. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3612 **BELLAMOSA, Improved Strain.** Rich, deep blue with white bee. Pkt., 20 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.

3614 **BELLADONNA, Improved Strain.** Light sky-blue strain of the above. Pkt., 20 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.

3618 **Cambridge Blue.** (Chinese Delphinium.) *New.* Its quality is expressed in its color, a brilliant light blue, far surpassing that shade in Belladonna. Treated as an annual it blooms from seed the first year if sown early. Height 2 to 3 feet. Pkt., 15 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.

ANNUAL DELPHINIUMS.
See Larkspur, page 43.

Dianthus (Pinks)

Double Annual Varieties

Culture A (Page 30). Sow seed ⅛ inch deep. Hgt. 1 foot; sun or shade; blooms July to October. For bedding and cutting; good rock garden annual.

3624 **GIANT FRINGED AND RUFFLED PINKS, Double Marvelous or Japanese Fringed** (*D. mirabilis fl.-pl.*). Remarkable Strain. Double flowers; deeply cut petals with thread-like fringes. Mixed colors. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3632 **Livingston's Mixture of Double Pinks.** All the best varieties. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

3642 **Sweet Wivelsfield.** Biennial hybrid, but blooms first year from seed. Large flowers, daintily marked and perfumed. Brilliant color range. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

Hardy Garden or Clove Varieties

Culture J. Sow seed ⅛ inch deep. Hgt. 1 foot; blooms May to October; prefers rich, well drained soil.

3633 **Superbus, Loveliness.** A new, delightfully charming garden Pink; shaggy appearing, finely fringed, sweet scented flowers of delicate rosy lilac that measure 1½ to 2 inches. Plants are 12 to 15 inches tall, of branching habit, and free flowering. Pkt., 15 cts.; 1/32 oz., 65 cts.

3623 **Allwoodii alpinus.** *rp* Grows 4 to 6 inches high, has both single and double flowers in mixed colors. Pkt., 20 cts.; 1/64 oz., 40 cts.; 1/32 oz., 70 cts.

3622 **ALLWOODII.** *rp* Double and single blooms in wonderfully varied colorings. Blooms from spring to fall. Pkt., 15 cts.; 50 seeds, 45 cts.; 100 seeds, 75 cts.

3630 **DELTOIDES** (Maiden Pink). *rp* A beautiful little plant, 8 inches tall, with narrow bright green leaves and quantities of vivid crimson flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.

3628 **Caesius** (Cheddar Pink). (*D. plumarius.*) Forms dense silvery tufts only a few inches high; small, fringed flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 60 cts.

3634 **Single Large-flowering Grass or Spice Pinks, Mixed.** Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3638 **Double Large-flowering Grass or Spice Pinks.** (*D. plumarius semperflorens fl.-pl.*). Pkt., 15 cts.; 1/16 oz., 25 cts.

3636 **LIVINGSTON'S BLEND OF HARDY GARDEN PINKS.** A magnificent strain of choice single and double hardy sorts; bright and brilliant colors. Contains many varieties. Illustrated on page 21. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 65 cts.

Dicentra (Bleeding Heart) P

Culture G (Page 30). Sow seed to depth four times their size. Hgt. 1 to 2 ft.; sun or shade; blooms April to June; requires rich loam; slow to germinate.

3648 **Eximia.** (Plumy Bleeding Heart.) Dwarf sort with finely cut foliage and showy racemes of pink flowers. Perfectly hardy anywhere. Pkt., 20 cts.; 1/16 oz., 90 cts.; ⅛ oz., $1.50.

Didiscus (Lavender Lace) a

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 18 in.; sun; blooms from July to November. Excellent for cutting.

3644 **Coerulea.** Exquisite pale lavender blossoms; profuse blooming. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Vase arrangement of California Poppies

Erigeron
Rich lavender-purple for hardy border work.

The Dazzler Gaillardia

The Best of the Giant-flowering Types

Eschscholtzia *a*

California Poppies

Culture C (Page 30). Sow seed 1/16 inch deep. Hgt. 12 in.; sun or partial shade; blooms profusely from June to September even in poor, dry soil. Fine for bedding, edging and cutting.

3677 **The Geisha.** Rich golden inside, orange crimson outside. Erect growth. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3678 **Auriantiaca.** Golden yellow. Spreading. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

3679 **Scarlet Beauty.** Deep scarlet. Erect. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3680 **GOLDEN WEST.** Intense yellow and orange flowers of giant size. Spreading growth. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

3682 **Finest Double Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

3684 **Finest Single Mixed.** Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

3686 **GOLDEN CUP HUNNEMANNIA.** (Bush Eschscholtzia.) *p* Jonquil-yellow, cup-shaped flowers with vivid bright orange stamens. Best used as annual. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3687 **Sunlight Hunnemannia.** (Tulip Poppy.) *p* **Award of Merit, All-America Selections, 1934.** A clear canary-yellow hardy Poppy, but best used as annual. Makes lasting cut-flower; blooms over a long season. Height 2 feet; sun. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.25.

Dracaena (Dragon Plant) *h*

Culture E (Page 30). Sow seed ⅛ inch deep. Sun or partial shade; used extensively as house plant and for porch and window boxes.

3670 **INDIVISA.** Long, graceful, narrow, ornamental leaves. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Feverfew (Matricaria) *a-p*

Culture B (Page 30). Sow seed 1/16 inch deep. Hgt. about 12 in.; blooms June and July.

3690 **Capensis Fl. Pl.** Small, double white flowers. Adapted to bedding, pot culture and cutting. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

FORGET-ME-NOT. See Myosotis, page 46.

FOUR O'CLOCK. See Marvel of Peru, page 44.

Gaillardia (Blanket Flower)

***a* ANNUAL, Culture B (Page 30). *p* PERENNIAL, Culture J. Sow seed ⅛ inch deep. Hgt. about 2 ft. Both sorts bloom from June to frost. Rich, light soil is best. Wonderfully effective in beds, borders and as cut-flowers.**

3710 **INDIAN CHIEF.** *a* Its name suggests something unusual, and it is that. Has dark brown center with glittering bronzy red petals. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3702 **Finest Single Annual, Mixed.** Brilliant colors. Pkt., 10 cts., ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3704 **FINEST DOUBLE ANNUAL, MIXED.** Free blooming. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3696 **Burgundy.** *p* Claimed to be the best red hardy Gaillardia. Color is a coppery-scarlet, more easily described as wine-red. Flowers are about 2½ inches across and mounted on long stems. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3698 **The Dazzler.** *p* The best Gaillardia of the giant-flowering type. The large, dark red flower with its bright orange tips is very attractive. Pkt., 10 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

3700 **Portola Hybrids.** *p* Very large, with colors ranging through shades of bronzy red, and having petals tipped with gold. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3706 **GRANDIFLORA HYBRIDS, Finest Mixed.** *p* One of the most elegant perennials; is in continuous bloom from June until frost. Enormous red and yellow flowers. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Edelweiss *rp*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 6 in.; blooms June and July; does best in dry, sunny location.

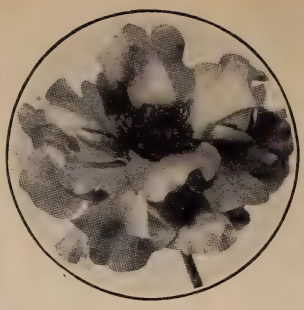
3672 **Large Flowered.** Flowers of downy texture, pure silvery white and star-shaped. Pkt., 25 cts.; 1/64 oz., $1; 1/32 oz., $1.50.

Erigeron *p*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 24 in.; sun; blooms in June and July.

3674 **Speciosus Grandiflorus.** Single Aster-like flowers of a rich lavender-purple with yellow center. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Gypsophila (Baby's Breath)



Geum

Gourd Assortment

Gypsophila (Baby's Breath)

a ANNUAL, Culture C (Page 30). *p* PERENNIAL, Culture J. Sow seed ⅛ inch deep. Hgt. 1 to 3 ft.; grows most any place, prefers sun; perennials do best in sweet soil; blooms from June on. Used for borders, cutting, rock-gardens and everlastings.

3758 **PACIFICA.** *p* Especially hardy. Forms dense bushes and attains height of 4 feet. Has bushy panicles of daintiest rose-pink and flowers later than the Paniculata. Resists drouth and heat. Pkt. 10 cts.; 1/16 oz. 35 cts.; ⅛ oz. 60 cts.

3760 **Repens.** *p* A beautiful trailing plant for the rockery. Has numerous small, white and pink flowers in July and August. 6 inches tall. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

3762 **Elegans alba grandiflora** (Paris Market). *a* This is an improved, large-flowering, pure white, annual Baby's Breath of free, easy growth. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 45 cts.

3764 **Paniculata.** *p* An elegant hardy perennial. Its delicate little flowers are produced in feathery white panicles. Fine for everlastings. Height 3½ feet. Prefers dry, limestone soil. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3766 **Paniculata fl.-pl.** *p* Double. Height about 3 feet. Pkt. 20 cts. 1/16 oz. 35 cts.; ⅛ oz. 60 cts.

Geum *rp*

Culture J (Page 30). Sow seed ⅛ inch deep. Belongs to Rose family. Hgt. 18 in.; sun or partial shade; requires moisture in hot summer; blooms May and June. For borders and rock-gardens.

3716 **MRS. BRADSHAW.** A splendid variety with large, double, fiery red flowers. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

3718 **Lady Stratheden.** (Golden Ball.) A fine golden yellow flower of loose double formation. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Geraniums *a*

Culture G (Page 30). Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; long bloomer. Fine for bedding, pot-plants or hanging baskets.

3720 **Finest Mixed.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Globe Amaranth *a*

Culture B. Sow ⅛ inch deep. Hgt. 18 in.; sun.

3736 **Mixed.** Flowers resemble clover-heads. Fine for beds, borders and everlastings. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

Gourds *ca*

Culture C (Page 30). Sow seed to depth four times their size. Sun; blooms July from spring sown seed. Ornamental foliage and fruits.

Small Fruited Varieties

3737 **Bicolor.** Half green, half yellow; pear shaped.

3738 **Egg Shaped.** White; used as nest eggs.

3741 **Bottle.** Miniature.

3742 **Spoon.** Small, ball shaped fruit with slender neck.

3744 **Turk's Turban.** Ornamental; brightly colored.

Any one above: Pkt. 10 cts.; oz. 40 cts.; ¼ lb. $1.20.

Large Fruited Varieties

3739 **Dipper.** Fruit makes excellent dipper; can be used for bird's nest.

3740 **Dish Cloth or Bath Sponge.** Used as dishcloth; remains sweet and clean as long as it lasts.

3743 **Sugar Trough.** Thick shell; very durable.

Any one above: Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 90 cts.

3750 **GOURD MIXTURE.** Large and small sorts. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.

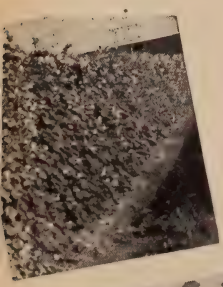
Livingston's Serial Picture Story

Continued from page 30

Our Flower Seed "Experiment Shop"

Illustrated here are portions of our experiment grounds where we are constantly endeavoring to find and create new things. We have experienced many disappointing and some very happy moments, such as the day when "Yellow Supreme" Marigold became a reality. No doubt this is the most interesting part of the seed business—and the least talked about.

Continued on page 41



Helianthemum

Heuchera

Hibiscus

Helianthemum (Rock Rose) *rp*

Culture J (Page 30). Sow seed to depth four times their size. Hgt. 8 to 12 in.; sun; blooms June to August; tolerant of heat and drouth.

3770 **Mutable.** Forms large clumps with rose, lilac, white and yellow flowers with silk-like petals. For bedding and rock-gardens. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Heuchera (Coralbells) *rp*

Culture J (Page 30). Sow seed 1/16 in. deep. Hgt. 18 in.; sun or partial shade; does best in well-drained, medium rich soil; blooms from June to August.

3806 **Sanguinea.** Low growing foliage with shooting spikes of bright red sprays. Fine for cutting and rock-gardens. Pkt. 10 cts.; 1/32 oz. 50 cts.; 1/16 oz. 90 cts.

Hibiscus (Marshmallow) *p*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 4 to 5 ft.; prefers moist, partially shaded location; blooms July to October; satisfactory in poor soil. Especially adapted to background and border planting.

3966 **Mallow Marvel.** A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink, and white. **Mixed Colors,** pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Heliotrope *a*

Culture G (Page 30). Sow seed ⅛ inch deep. Hgt. 18 to 24 inches; prefers sun; blooms July to October from spring sown seed; prefers light, rich soil. Has delicious fragrance. Fine for bedding, pots and bouquets.

3776 **All Sorts Mixed.** In best assortment; all shades, both light and dark. A very desirable strain. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

3774 **LEMOINE'S GIANT HYBRIDS.** Grand flowers, double the size of the older sorts. Bushes compact, heads of mammoth blossoms often measure a foot across. Deliciously fragrant. Produces flowering plants by July, which continue in flower until frost. Mixed, including Purple, White, Lavender, and Blue. Plant, 18 inches high. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 40 cts.; ¼ oz. 65 cts.

Mrs. Wm. E. Hostetler, Meigs Co., Ohio: *"You should have seen my Gladiolus—purchased from you last Spring, three to five and one-half feet tall and flowers from three to six and one-half inches across."*

See Gladiolus Bulb offerings on page 18

Helichrysum, Monstrosum

Helichrysum *a*
(Everlasting Strawflower)

Culture B (Page 30). Sow seed ⅛ inch deep.

MONSTROSUM FL.-PL. Succeeds in any good garden soil, prefers sun. The large, double flowers of rich, glittering colors in August and September make fine display in beds and borders, but are especially grown to dry for winter use inside. For this, cut when flowers are about one-third open and hang up with heads downward in some dry place. Hgt. of plant 2 to 3 ft.

3780	**Golden Globe**	3792	**Salmon**
3788	**Crimson**	3794	**Violet**
3790	**Rose-Carmine Shades**	3798	**Scarlet**
		3800	**White**

Any one above: pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

COLLECTION: One pkt of each above, value 70 cts. **50c**

3802 **Mixed.** Above and other colors. Pkt. 10c; ⅛ oz. 20c; ¼ oz. 35c; oz. 90c.

Livingston's Serial Picture Story

Continued from page 40

These illustrations are from the gardens of enthusiastic users of "True Blue" seeds and, we believe, in a large measure are picture-proof of our previous statements regarding quality and confidence. We are indebted to and wish to thank the following patrons for supplying and permitting the use of these pictures: Mr. N. Cenci, Mrs. B. W. Engler, Mrs. Glenn Lewis and Mr. C. W. Paeth.

Continued on page 59

Linum, Flavum

Linum (Flax) *rp*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 18 to 24 in.; blooms from May to September; sun or partial shade; light, rich soil.

3896 **Perenne Blue.** Sky-blue flowers on graceful arching stems. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3898 **Flavum.** Heads of brilliant golden cups. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

Liatris

Hollyhocks

a **ANNUAL, Culture A (Page 30).** ***p*** **PERENNIAL, Culture K Sow seed to depth four times their size. Hgt. 5 to 8 ft.; requires rich soil and sunny location but withstands drought; blooms in July. Once established they bloom stronger and better every year. When transplanting, trim the roots well. This causes new, healthy root growth. If the tops are large, cut them back to the crown leaving the blossom shoots if showing.**

3808 **Double Triumph.** ***p*** A new variety of branching habit. Fine waved and fringed flowers on tall stems. Entirely new range of colors. Pkt. 15 cts.; ⅛ oz. 50 cts.; ¼ oz. 85 cts.

LIVINGSTON'S PRIZE HOLLYHOCKS. ***p*** The largest flowering and most perfectly double Hollyhocks we have been able to procure after many years of selection of only the best varieties. The colors are rich and brilliant, the plants free from disease.

3810 **Double Black**
3812 **Double Lemon-Yellow**
3814 **Double White**
3816 **Double Rose-Pink**
3818 **Double Crimson**
3820 **Double Scarlet**
3822 **Double Salmon**

Each color, pkt. 10 cts.; ⅛ oz. 40 cts.; ¼ oz. 75 cts.

3824 **Livingston's Prize Mixture.** Our best perennial mixture. Composed exclusively of finest double-flowering varieties. Contains above colors and innumerable other alluring shades.

Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.; oz. $1.50.

3826 **Mammoth Allegheny.** ***p*** Large flowers in colors from the palest pinks to the deepest reds. Lovely fringed and transparent petals. Contains single, semi-double and double kinds. Blooms from July to frost. Pkt., 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.; oz. 75 cts.

3828 **Single Annual Everblooming, Mixed.** ***a*** Glorious new hybrids which can be treated the same as annuals and will bloom the same year from seed. Started inside, they will bloom in July. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Kenilworth Ivy *rp*

Culture J (Page 30). Sow seed 1/16 in. deep. Trailing; adapted to shade.

3840 **Linaria Cymbalaria.** Lovely little lavender and purple flowers and exquisite foliage. A trailer for vases, hanging baskets and rockeries. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

Livingston's Prize Hollyhocks

Kochia *a*

Summer Cypress or Burning Bush

Culture B (Page 30). Sow seed 1/16 in. deep. Hgt. 3 ft.; sun; light soil.

3844 **Childsii.** Globe-shaped bushes with pea-green slender leaves until September when they turn blood-red and are tipped with small scarlet flowers. Grows quickly. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 60 cts.

Kudzu Vine *cp*

Culture C. Soak seed overnight, sow ½ in. deep; sun; most any soil.

3848 **Pueraria Thunbergiana.** Japanese origin; purplish violet, fragrant blooms. Reaches 8 to 10 feet the first year and attains height of 50 feet. Unequaled for porches, arbors and trellises. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Liatris (Kansas Gay Feather) *p*

Culture J (Page 30). Sow seed ⅛ inch deep. Hgt. 4 to 5 ft.; tolerant of heat and drouth.

3888 **Scariosa.** Rare North American Species. Many spikes with great tassels of vigorous violet. Has peculiar habit of blooming from top downward, the reverse of other spiked flowers. (Illustrated above.) Pkt. 10 cts.; 1/32 oz. 65 cts.; 1/16 oz. $1.

New Giant Imperial Base-Branching Larkspurs.

Rosamond Larkspur

Delightfully Perfumed Regale Lilies

Hardy Lilies

3890 **REGALE.** This Lily is absolutely hardy. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center. It is delightfully perfumed, lacking the heavy oppressive odor of most Lilies. Blooms outdoors early in July, and seedling bulbs will flower the second year. Full culture on packet. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

Larkspurs [a]

(Annual Delphinium)

Culture D (Page 30). Sow seed ⅛ inch deep. A much improved old-fashioned flower. Thrives in almost any soil, in sun or partial shade. Blooms July to September from spring sown seed; hgt. 2 to 3 ft. Light and dark blue Larkspurs with orange and lemon Marigolds make a fine cut-flower combination. Larkspurs with Viola cornuta combine well in the shady border even in hot late summer.

New Giant Imperial Larkspurs

These new upright base branching Larkspurs with long straight upright flower spikes (2 to 4 feet) are much superior to all others for cut-flowers. (See illustration at left.) Here is a real improvement that you should enjoy. Offered in colors and mixture.

3880 **BLUE BELL. Special Mention, All-America Selections, 1934.** A fine medium blue, until now lacking in the imperial type. Decidedly upright and base branching. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 35 cts.

3873 **Blue Spire**
3874 **Lilac Spire**
3875 **White Spire**
3877 **Carmine King**
3879 **Miss California, Pink**
3881 **All Colors, Mixed**

Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 35 cts.; oz. 80 cts.

WHITE KING. All-America Selection, 1937. See page 22

Double Stock-Flowered Larkspurs

3858 **Rosamond.** **New stock-flowered Larkspur. Gold Medal, All-America Selections, 1934.** The color is new and distinct, a pure bright rose. Its other features are earliness and uniform height. Illustrated above. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

3872 **EMPRESS ROSE.** *New.* Tallest and best of all salmon-pink shades. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3860 **LA FRANCE.** A pleasing salmon-pink. Large, double flowers on long stems; more resistant to mildew and much more vigorous and tall growing than the class. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

	Pkt.	⅛ oz.	¼ oz.
3862 **Tall Stock-flowered.** White	$0.10	$0.20	$0.30
3864 **Tall Stock-flowered.** Shell-pink	.10	.20	.30
3866 **Tall Stock-flowered.** Bright rose	.10	.20	.30
3868 **Tall Stock-flowered.** Dark blue	.10	.20	.30
3870 **TALL STOCK-FLOWERED. All Colors Mixed**	.10	.20	.30

For Perennial Larkspur, see Delphinium, page 38.

Lantana [a]

Culture G (Page 30). Sow seed ⅛ in. deep. Hgt. 1½ ft.; sun or partial shade; blooms July to frost; light soil. Fine for summer bedding and inside winter-blooming.

3852 **Mixed.** Popular, free-blooming, and very rapid growing plants with flower-heads of various colors, which are continually changing, emitting a powerful aromatic perfume. Plants are completely loaded with blossoms, succeeded by berries which, when ripe, turn deep blue. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Lavender [p]

Culture J (Page 30). Sow seed ⅛ in. deep. Hgt. 3 ft.; sun; blooms July to September; light soil.

3886 **Lavandula vera.** True Lavender. Very sweet-scented flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

StimUplanT
Makes a Wonder Garden

Fertilizer in tablet form. Fine for pot plants, flowers, shrubs and vegetables.

Packet, 10c; 30 tablets, 25c; 100 tablets, 75c; 500 tablets, $2.50. 1000 tablets, $3.50, postpaid.

Linaria, Fairy Bouquet
Resembles miniature Snapdragons
Lupinus
Graceful spikes; pea-shaped blooms

Lupinus

ANNUAL. Culture B (Page 30). Soak seed overnight, sow ½ in. deep. Prefers partial shade and light soil. Graceful spikes of pea-shaped flowers. For better success inoculate this seed. Inoculator offered below.

3916 **Hartwegi, Mixed.** Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

3918 **HARTWEGI GIANTS, Mixed.** *New.* **Award of Merit, All-America Selections, 1933.** 3 to 4 feet tall; branches freely from the base, producing 4 to 6 extremely long, erect spikes having many more blossoms than the old type. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Polyphyllus

PERENNIAL. Culture J. Soak seed overnight, sow ½ in. deep. Hgt. 3 ft. Blooms May and June. Prefers slightly acid soil and sun.

	Pkt.	¼ oz.	Oz.
3920 **White**	$0.10	$0.25	$0.65
3922 **Blue**	.10	.20	.60
3924 **Rose**	.10	.35	.75
3926 **Mixed**	.10	.25	.65

Linaria (Miniature Snapdragon)[a]

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 8 in.; blooms in about 8 weeks from sowing seed.

3894 **FAIRY BOUQUET. Gold Medal, All-America Selections, 1934.** Variety of colors. Pkt. 10 cts.; 1/32 oz. 20 cts.; 1/16 oz. 40 cts.

Lobelia[a]

Culture G (Page 30). Sow seed on surface and merely cover. Profuse bloom from July to October. Hgt. 6 in.; partial shade preferred; fine for bordering, hanging baskets, and window boxes; good rock-garden annual.

3900 **Crystal Palace Compacta.** Best dark blue sort for edgings and carpet bedding. 4 inches. Pkt. 10 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

3902 **Gracilis.** Light blue, trailing variety. Fine for hanging-baskets, vases, and window-boxes. 10 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3904 **Mixed Compacta Sorts.** Excellent mixture of best varieties. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

Lupine Inoculator

Lupins are legumes, and can absorb nitrogen only from the air through the aid of nodules on the roots. Inoculation of the seed greatly stimulates the growth of these nodules and makes for success with this flower.

Bottle (enough for several packets) 25 cts. Postpaid.

Moonflowers[ac]

(Ipomoea noctiflora)

Culture B (Page 30). Cut off small end of seed, soak and sow 1 inch deep. Climbing; prefers sun; blooms September to frost from spring sown seed. Ideal for trellises, arbors, etc.

4012 **NORTHERN LIGHT.** The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands all summer and fall. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 40 cts.

4014 **WHITE SEEDED.** Immense, fragrant flowers, 5 to 6 inches across, with a five-pointed star in the center; of firm texture, bearing in graceful profusion. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 40 cts.

4016 **Cross-Bred** or **Hybrid.** A variety of great value for the North, as it is in bloom a month earlier than the above. Flowers are pure white. Height, 20 to 40 feet. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 40 cts.

Mesembryanthemum[a]
(Livingstone Daisy)

Culture C (Page 30). Sow seed 1/16 inch deep. Hgt. 8 in.; sun; blooms July to October; light soil. Ideal rock, carpet or edging plant.

3975 **CRINIFLORUM.** A profusion of fluffy daisy-like flowers, 2 to 3 inches across, in every imaginable shade and color. Pkt. 20 cts.; 1/64 oz. 50 cts.; 1/32 oz. 85 cts.

Marvel of Peru (Four O'Clock or Mirabilis)[a]

Culture B (Page 30). Sow seed to depth four times their size. Hgt. 2 ft.; sun; blooms July to October and endures poor soil and drought. Covered with large, showy, very fragrant blooms.

3970 **Variegated.** Excellent color assortment of flowers that contrast beautifully with the golden-hued foliage. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 25 cts.

3972 **Finest Mixed.** Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 25 cts.; ¼ lb. 60 cts.

Lunaria (Honesty)[a]

Culture K (Page 30). Sow seed to depth four times their size. Shade; blooms August; moist, damp soil. Fine for winter decoration.

3910 **Annua** (Honesty or Money Plant). Purple flowers followed by silvery seed pods which can be dried for winter use. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

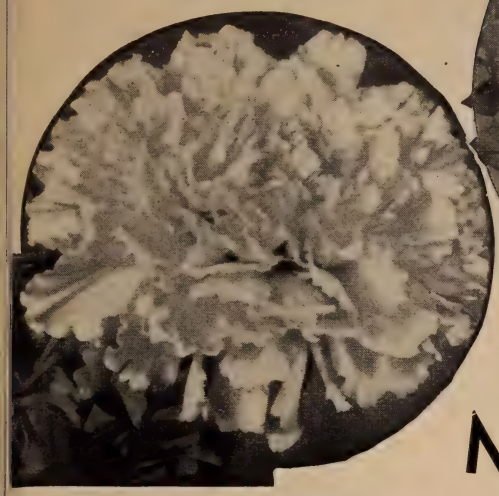
Lychnis[p]

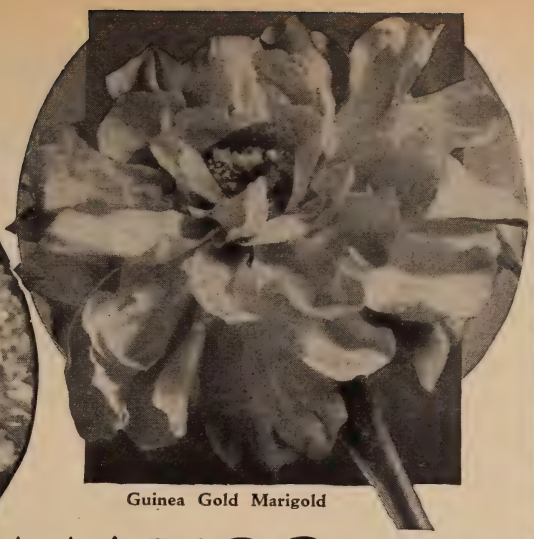
Culture J (Page 30). Sow seed ⅛ in. deep. Hgt. 2 ft.; sun; blooms June to frost; satisfactory in poor but light soil. Good border plants.

3930 **Mixed Hybrids.** Compact, bushy plants with flowers from pure white to deepest red. Blooms first year if sown early. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

3932 **Viscaria Splendens.** Large clumps of almost evergreen foliage with deep red flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Livingston's Yellow Supreme Marigold
Gold Medal Winner, All-America Selections, 1935





Guinea Gold Marigold

Little Brownie

MARIGOLDS

The Large African Marigolds

Culture B (Page 30). Sow seed ⅛ inch deep. Large flowering sorts of orange and lemon shades. Hgt. 2 to 3 ft.; prefers sun; blooms July to October from spring sown seed. Fine for beds, borders and cutting.

Livingston's New Full "Carnation-Flowered" MARIGOLD "YELLOW SUPREME" Gold Medal, All-America Selections, 1935

Developed and Introduced by us

3934 Most talked about introduction of recent years; the result of years of careful breeding at our flower trial grounds. A 3 to 5 inch, fluffy, well-rounded Carnation-flowered bloom of delicately mild honey fragrance, enhanced by foliage free from odor; features heretofore unheard of in Marigolds. The broad, loose, frilled petals are of a rich, creamy lemon-yellow color. Illustrated in color on inside front cover. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3937 **Gigantea Sunset Giants.** **MIXED.** Another New Marigold featuring fragrance, large size (5 inches diameter) and profuse bloom. The flowers are loosely formed, full centered with broad, heavy petals gracefully overlapping. Colors range from deep to golden orange, golden to lemon yellow and a delightful new shade of primrose. Plant is strong growing with 6 to 8 heavy branches; 3½ to 4 feet high. Comes about 65% double. Illustrated on page 24. Pkt. 25 cts.; 1/16 oz. 40 cts.; ⅛ oz. 75 cts.

3938 **Dixie Sunshine.** **Award of Merit, All-America Selections, 1936.** An entirely new type. Flowers are double golden yellow, being made up of many tiny 5-petalled florets. Late flowering; should be started very early in northern sections. Pkt. 10 cts.; 1/16 oz. 25 cts.

3935 **Guinea Gold.** **RESELECTED. Gold Medal, All-America Selections, 1933.** A brilliant orange flushed with gold. 100% semi-double and double, ruffled, with loose placed petals. Pyramidal habit of growth, 2 to 2½ feet tall. Illustrated in color, inside front cover. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3936 **ORANGE ALLDOUBLE.** So called because such a large per cent come double. A beautiful large flower. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3940 **LEMON BALL.** Extra-large, round, double canary-yellow flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3942 **ORANGE BALL.** Enormous, double, intense rich orange flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3944 **Mammoth Tall, Mixed.** Height, 3 feet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3946 **Mammoth Dwarf, Mixed.** Height, 1½ feet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

CROWN OF GOLD. Gold Medal Winner for 1937. See page 22.

French Marigolds

The small, velvety flowering sorts. Hgt. 1 to 2½ ft.; prefers sun; blooms July on from spring sown seed. Fine for bedding, edging, cutting and pot plants.

3949 **Harmony.** New, charming, distinct type. Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. Plants are 1 foot high, exceedingly free blooming and very early. (See page 24.) Pkt. 15 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3956 **Royal Scot.** *New.* Flowers of mahogany and gold in symmetrical stripes on a 24 to 30 inch plant. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

ROYAL SCOT ALLDOUBLE. 1937 introduction. See page 23.

3948 **LEGION OF HONOR. (Little Brownie.)** Handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. Illustrated above. Height, 1 ft. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3950 **Tall Double, Mixed.** A splendid assortment of all the best colors in striking combinations. Height 2½ ft. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3952 **DWARF DOUBLE, MIXED.** Mixture similar to No. 3946 in colors. Height, 1 foot. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3958 **TAGETES, SIGNATA PUMILA. (Golden Border.)** A dwarf Marigold, 6 to 8 inches high; literally covered with small twinkling yellow flowers, having a brown stripe down the center of each petal. Splendid for edging beds. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Mignonette (Reseda)

Culture C (Page 30). Sow seed ⅛ inch deep. Grows 12 to 15 inches high; prefers sun or partial shade; blooms July to October from spring sown seed; large, deliciously fragrant blooms.

3984 **Odorata.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3986 **Finest Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Heavenly Blue Morning Glory

Double White Beauty Morning Glory

Morning Glories[a]

Culture B (Page 30). Soak seed overnight, sow ½ inch deep. Prefers sun; blooms August to frost from spring sown seed. Blooms best in dry, sandy location and with little or no fertilization. Fine for trellises and screening.

Livingston's New Double White Beauty

Developed and Introduced by us

3998 *New.* **Our own introduction for 1935.** Exquisite pure white double flower all frilled and ruffled. Early, free flowering plants that are healthy and vigorous. Ideal for the "White Garden." Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3999 **New Double Rose Marie.** A lovely new, double pink, early, free-flowering variety. The flowers are a beautiful shade of deep rose of double and semi-double form. Pkt. 10 cts.; ⅛ oz., 25 cts.; ¼ oz. 45 cts.

4001 **Heavenly Blue, Improved.** **(Blue Moon Flower.)** Far superior to first strain offered. Plants do not make rank growth but produce flowers early and throughout summer. Blooms are intense deep blue, shading lighter toward center, 3½ inches across. Illustrated above. Pkt. 10 cts.; ¼ oz. 45 cts.; oz. $1.25.

4002 **GIANT IMPERIAL JAPANESE.** Magnificent in size and bloom—4 to 6 inches across. Great variety of rich and delicate colors, tints and markings. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 85 cts.

4000 **Convolvulus major.** These are the old-fashioned favorites that everybody loves. Grows quickly and clings to anything. Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.

4004 **Finest Mixed Japanese.** Variety of colors and shades. Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 90 cts.

Myosotis (Forget-me-not)

Culture F (Page 30). Sow seed 1/16 inch deep. Hgt. 6 to 10 in. Does best in moist, shady location. Blooms first year from early sown seed and thereafter from April to June. For edging and rock gardens.

4020 **Palustris.** *rp* (True Forget-me-not.) Beautiful blue. Hgt. 6 inches. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

4022 **Alpestris.** *b* Blue. Pkt. 10c; ⅛ oz. 20c; ¼ oz. 35c.

4026 **Alpestris rosea.** *b* Pink. Pkt. 10c; ⅛ oz. 20c; ¼ oz. 35c.

4024 **Semperflorens.** *rp* Dwarf Forget-me-not; beautiful blue flowers. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

4032 **Blue Bouquet.** *b* Pkt. 15c; 1/16 oz. 30c; ⅛ oz. 50c.

4033 **Indigo Blue Bouquet.** *b* Pkt. 15c; 1/16 oz. 60c; ⅛ oz. $1.

4034 **Pink Bouquet.** *b* Pkt. 15c; 1/16 oz. 30 cts.; ⅛ oz. 50c.

4030 **Finest Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Nicotiana[a] (Sweet-scented Tobacco)

Culture B. Sow seed 1/16 inch deep. Hgt. 2 ft.; sun or partial shade; blooms July to frost; rich soil.

5000 **Affinis.** Pure white. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

5002 **Sanderae.** Carmine-red. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Nigella[a] (Love-in-a-Mist)

Culture D. Sow seed ⅛ inch deep. Hgt. 18 in.; sun or partial shade; blooms July to frost from spring sown seed. Free-flowering plants with finely cut foliage. Curious flowers and seed-pods.

5006 **Mixed.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Geo. E. Bates, Hampden Co., Mass.: *"My possessions will only permit me to plant a very limited quantity of seed, obliging me to obtain seed that will not disappoint me and your seed has fulfilled all that I could wish for. Rest assured it is Livingston's seed for me."*

Miss Grace E. Hundley, Clay Co., Illinois: *"My seeds arrived promptly and the leaflets are so good. I have had seeds from you for several years and always get good results."*

Double Golden Gleam Nasturtium

Dwarf Single Nasturtiums

4070 **Rose.** Deep rose color.

4072 **Beauty.** Yellow and scarlet.

4074 **Aurora.** Primrose to pink.

4076 **Pearl.** Amber-white.

4078 **Prince Henry.** Pale yellow, spotted carmine.

4080 **Regelianum.** Purplish-crimson.

4082 **Ruby King.** Bluish-rose.

Any One Above: Pkt. 5c; oz. 20 cts.; ¼ lb. 50 cts.

Livingston's Sunburst COLLECTION

One packet of each above seven Dwarf Varieties postpaid to any address for only 25c

4084 **CHOICE DWARF, MIXED.** Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 40 cts.

4090 Livingston's Glory of the Garden Blend

Our best mixture of the dwarf varieties. Composed exclusively of the most elegant large-flowered sorts with the most delightful colors that range through every shade and tint known.

Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

4088 **QUEEN OF HOLLAND, MIXED, (Lilliput Hybrids).** Dainty type of dwarf growth; about 6 inches. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 60 cts.

4086 **DWARF QUEEN, MIXED.** The marble-leaved Queen sorts. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

Mr. Brubaker, Ohio: *"Your seeds certainly have the power to kick through their shells"*

Livingston's Top-Notch Giant-Flowering Nasturtiums

Double Scarlet Gleam Nasturtium

NASTURTIUMS

Culture C (Page 30). Sow seed to depth four times their size. Succeeds in any ordinary soil, preferably that which leans to being poor thus preventing too much foliage. Fertilizer may be applied beneficially after buds have formed but not before. Prefers sun; blooms in early summer from Spring sown seed and continues until frost. Cut blooms freely.

Tall Single Nasturtiums

4054 **TALL MIXED NASTURTIUMS.** There is no flower of which you need seed in larger quantities for liberal planting than Tall or Climbing Nasturtiums. For the low price, this mixture is very choice. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.

4056 **MADAM GUNTHER, MIXED HYBRIDS.** These are of French origin and for rich and striking colors are not surpassed by any climbing Nasturtiums. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

4060 Livingston's Top-Notch Blend Giant-Flowering Nasturtiums

A wonderful diversity of colors and new striking combinations, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many showy and exquisite ways.

Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.35.

Giant-Flowering Varieties

4040 **Giant Golden Yellow.** Mammoth flowers.
4042 **Giant Rose.** A soft rosy-pink color.
4044 **Giant Cream and Pink.** Very dainty.
4046 **Giant Lemon and Rose.** Pleasing combination.
4048 **Giant Deep Crimson.** Deepest dark reds.
4050 **Giant Striped Hybrids.** Shades and tints.
4052 **Giant Brilliant Scarlet.** A flaming beauty.

Any one above: Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 45 cts.

Perfection Collection
Giant-Flowering Nasturtiums
One of our most astonishing collection offers
7 Packets as listed above Postpaid to any address **25** cts.
FIVE COLLECTIONS FOR $1.00

See Big Flower Seed Bargain Counter, page 4.

BULBS FOR SPRING PLANTING—See pages 18, 19

Dwarf Double Nasturtiums

The greatest sensation of recent flower introductions. Both types have flowers which are identical, the Gleam plants being semi-dwarf with short runners while the Gem plants are truly dwarf, totally without runners. The flowers, mounted on long, wiry stems, are large and sweet-scented; a large percentage coming double, two features heretofore unknown in Nasturtiums.

4100 **DOUBLE GOLDEN GLEAM. Gold Medal, All-America Selections, 1933.** Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 65 cts.

4102 **DOUBLE SCARLET GLEAM. Gold Medal, All-America Selections, 1935.** Fiery orange-scarlet (See illustration above). Pkt. 10 cts.; oz. 25 cts; ¼ lb. 65 cts.

4110 **Double Gleam Hybrids.** **Award of Merit, All-America Selections, 1935.** Many gorgeous colors of dazzling beauty (See inside front cover). Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 65 cts.

4112 **DWARF DOUBLE GOLDEN GEM. (Globe) Award of Merit, All-America Selections, 1936.** Identical in color with Golden Gleam above. First named color in the new Gem types. Fully dwarf plants without runners. Fully described on page 23. Pkt. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.

4120 **Dwarf Double Gem Mixture.** Composed of an evenly balanced range of cheerful colors similar to those found in Gleam Hybrids but having true dwarf plant without runners. Pkt. 15 cts.; oz. 45 cts.; ¼ lb. $1.25.

Spray Flowers with RED ARROW. See page 15.

For Complete Protection

Spray or Dust Underside of Leaves

Much spray and dust material is wasted on the upper sides of leaves of flowers and vegetables. Insects instinctively inhabit the undersides because of more protection and easier feeding. In applying sprays and dusts it is very necessary to do so on the underside of the leaves otherwise a large amount of your efforts are wasted. Always use a good spray or dust gun. See page 17 for our recommendations in these.

Swiss Giant Pansy in Natural Size

Specimen from Extra-Fancy Strain

PANSIES

Imported From the Best European Specialists

Culture F (Page 30). Sow seed ⅛ inch deep. Hgt. about 6 ins. They thrive best in a rich soil and cool, moist, partially shaded location. Seed sown outside after frost will bloom in fall. For earlier blooms start inside and for extra early bloom start in the fall and carry over in a cold frame. When transplanting, cut back the tops if they are too spindly and tall. Picking blossoms regularly will give better plants for later bloom. If plants become untidy later, cut them back and they should bloom again. Our strains are imported direct by us from the most noted foreign Pansy Specialists and should give you unbounded satisfaction. Prices by ounce or larger quantities will be quoted upon application.

Leaflet on the culture of Pansies free to customers.

5020 Swiss Giants, Mixed

Swiss Giants are of recent introduction, coming direct from Switzerland. This mammoth New strain, often measuring 3½ inches across, is composed of well-rounded, perfectly shaped flowers with thick velvety petals, in a multitude of harmonious and enchanting shades, colorings, and markings. It includes the richest reds, coppers, bronzes, and yellows, together with the delicate rose-pinks and those beautiful light blues so much desired in Pansies. One of the outstanding features of this wonderful strain is that the long, stiff stems hold the flowers well above the foliage. The blooms retain their size almost throughout the season making it most valuable as a cut-flower.

Pkt. 25 cts.; 1/16 oz. 85 cts.; ⅛ oz. $1.50.

Swiss Hybrids in Separate Colors

New hybrids developed from Swiss Giants by Roggli, a Pansy Specialist in Switzerland. Creating quite a sensation among Pansy growers and much in demand for florists' use. The plants are robust; the flowers are very large, of heavy texture and borne on long, strong stems.

5018 **CARDINAL (Alpenglow).** Striking and attractive shades of cardinal and garnet red. Pkt. 25 cts.; 1/16 oz. 85 cts.

5019 **LAKE OF THUN (Ullswater).** A rich ultramarine blue with darker blue-black center. Pkt. 25 cts.; 1/16 oz. 85 cts.

5012 Livingston's Giant Trimardeau Mixture.

This splendid mixture is a blended combination of Giant-flowering types. A most showy class of robust and very compact growth. Contains all colors and produces large blooms, carried well above the foliage, on long stems. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 75 cts.

5010 **LIVINGSTON'S EXTRA-FANCY MIXTURE.** Blossoms are borne on long stems and are distinguished for their gorgeous and varied colorings and beautiful markings. They are of fine substance, velvety texture, perfect form, and giant size, frequently measuring 3 inches in diameter. Pkt. 25 cts.; 1/16 oz. 75 cts.; ⅛ oz. $1.25.

5022 **GIANT RUFFLED MASTERPIECE.** Petals are curled and undulated, giving the flower a globular appearance. Large blooms, beautifully blotched. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 60 cts.

5024 **LIVINGSTON'S SPECIAL FLORISTS MIXTURE.** Carefully prepared to meet the florist's need. Contains only our finest large-flowering sorts in the light and dainty shades. Mammoth in size, exquisite in coloring, and perfect in form. Pkt. 25 cts.; 1/16 oz. 85 cts.; ⅛ oz. $1.50.

5040 **Bedding Pansies.** Valuable for bedding where size is not of most importance. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

Giant Pansies in Separate Colors

Especially desirable for bedding where large flowers are preferred for particular color schemes.

5026 **Giant Red** 5028 **Gt. White** 5030 **Gt. Blue**
5032 **Giant Black** 5034 **Gt. Yellow** 5036 **Gt. Purple**

Any one above: Pkt. 10c; 1/16 oz. 30c; ⅛ oz. 50c.

GIANT SIX PANSY COLLECTION—One pkt. each above 50 cts.

A Year with the Pruning Shear

JANUARY-FEBRUARY—Shade and ornamental trees, young fruit trees, apple and pear trees, late flowering shrubs and vines, fruiting shrubs, hedges, grape, currant and gooseberry.

MARCH—Young fruit trees, apple and pear trees, hedges, hybrid perpetual and tea roses, old wood of rambler roses, grape before sap starts, ornamental bushes.

APRIL—Hybrid perpetual and tea roses, old wood of rambler roses, thin buds of most plants.

MAY—Evergreens, earliest flowering shrubs and vines, hedges, all dead wood.

JUNE—Surplus on fruit trees, young fruit, evergreens, early flowering ornamentals, spring flowering shrubs and vines, hedges, perennials and annuals.

Continued on page 79

Ruffled Giant Petunia

All-double Petunia Plant

PETUNIAS

Culture A (Page 30). Sow seed on surface and merely cover. Blooms from June until October; withstands drouth and succeeds most anywhere. For bushy, sturdy plants pinch off the tops when a few inches high.

Bedding Petunias

5076 **Dainty Lady.** **Award of Merit, All-America Selections, 1936.** Delicate golden yellow. See page 23. Pkt. (150 seeds) 20 cts.

5079 **FLAMING VELVET. Gold Medal, All-America Selections, 1936.** Described and illustrated on page 23. Pkt. (200 seeds) 15 cts.; 1/16 oz. 30 cts.

5078 **DWARF ROSY MORN, IMPROVED.** Extra select dwarf strain of Rosy Morn with brighter colored flowers. Pkt. (200 seeds) 20 cts.; 1/32 oz. 70 cts.

5064 **ROSY MORN.** Carmine-pink, white throat. Pkt. (500 seeds) 10 cts.; 1/16 oz. 20 cts.

5065 **BLUEBIRD.** Violet-blue. Dwarf, compact plant. Pkt. (400 seeds) 10 cts.; 1/16 oz. 25 cts.

5068 **ROSE OF HEAVEN.** Rich bright rose, white throat. Pkt. (500 seeds) 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

5070 **MARTHA WASHINGTON. Award of Merit, All-America Selections, 1935.** Blush pink deepening to dark violet throat. Pkt. (200 seeds) 15 cts.; 1/64 oz. 50 cts.

5071 **MINIATURE ROSE GEM.** Award of Merit, 1936. 6 inch plant; rich rose blooms. See page 24. Pkt. (200 seeds) 15 cts.; 1/64 oz. 50 cts.

5075 **SETTING SUN.** Deep rose with dark throat. Dwarf. Pkt. (200 seeds) 20 cts.

5072 **Howard's Star.** Maroon with star of bluish-pink or white. Pkt. (500 seeds) 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

5074 **Striped and Blotched.** Pkt. (500 seeds) 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

5080 **Finest Mixed.** Pkt. (500 seeds) 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

Balcony Petunias

Most excellent for window- or porch-boxes.

5090 **White** 5092 **Rose** 5094 **Red**
5096 **Blue** 5098 **Mixed**

Any one above: pkt. (300 seeds) 15 cts.; 1/16 oz. 35 cts.; 1/8 oz. 60 cts.

Mrs. Geo. McCoola, Luzerne Co. Pennsylvania: *"I must write and tell you of the wonderful Pansies I have from your seeds, they are beauties; everybody stops to admire them so for this reason I am sending you another order. I had luck with all the seeds that I got from you in 1935."*

Livingston's Giant All-Double Petunias

These are best started indoors and transplanted. Give the small, weak plants great care; they make the finest blooms. Illustrated in color on inside front cover.

5067 **All-Double Tall Giant Fringed.**

An unapproached improvement in Petunias. 100% true double with 75% giant double and remainder medium sized "Carnation Flowered." The flowers are exquisitely fringed and ruffled and contain a good range of brilliant and suffused colors. Received much favorable comment last year. Pkt. (150 seeds) 50 cts.; 1/2 pkt. 30 cts.

5063 **All-Double Dwarf Giant Fringed.**

The acme of all Petunias. Due to its dwarf habit, it even surpasses our New Tall All Double Strain (listed above). The flowers are identical but the dwarf nature of this one will give it added popularity. Pkt. (100 seeds) 50 cts.; 1/2 pkt. 30 cts.

Large-Flowering Single Petunias

5052 **Theodosia.** A rosy pink, with a golden throat which contains minute stripes. Pkt. (200 seeds) 15 cts.

5053 **Elk's Pride.** The largest, darkest and best plain edged velvety purple. Pkt. (200 seeds) 15 cts.

5056 **DWARF GIANTS OF CALIFORNIA.** (*Ramona Strain.*) Beautifully ruffled and fringed with open, well-marked throats. Pkt. (200 seeds) 25 cts.

5058 **GIANTS OF CALIFORNIA.** Of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds) 15 cts.

5062 **RUFFLED GIANTS.** Giant flowers with large throat and exquisitely ruffled edges. The many bewitching shades and colors present a jeweled sight in the garden. Pkt. (200 seeds) 20 cts.

5060 **Coppery Red.** Very attractive new shade having giant ruffled flowers. Pkt. (200 seeds) 25 cts.

5054 **LIVINGSTON'S SUPERB SINGLE MIXED.** Flowers most varied in colors and markings, beautifully ruffled. Pkt. (200 seeds) 15 cts.; 1/64 oz. 50 cts.

Livingston's Elite Blend Single Petunias

5050 Not just an ordinary mixture but one especially prepared for you who love variety, color and quality. A combination of the best large, deep-throated and the fringed and ruffled more dainty sorts. Preserve the weak plants; they make the best blooms.

Pkt. (200 seeds) 25 cts.; 1/64 oz. 85 cts.

Livingston's Prize Mixture, Annual Phlox

Phlox

a ANNUAL, culture A (Page 30). Sow seed 1/8 inch deep. Hgt. 12 in. *p* PERENNIAL, culture J. Very slow to germinate; sow seed 1/2 inch deep. Hgt. 18 to 24 in.; prefers sun. Gives a constant display from July to September.

6002 **Livingston's Prize Blend.** *a* Not grown as such but made up from separate choice colors. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

Drummondi Nana Compacta Types *a*

New Dwarf type with compact, symmetrical habit; 8 inches tall. Blooms all summer and fall.

6001 **Apricot,** yellow.
6003 **Coerulea,** blue, white eye.
6005 **Defiance,** salmon-scarlet.
6007 **Fireball,** scarlet.
6009 **Mirabilis,** carmine.
6011 **Rose Cardinal**
6013 **Snowball,** pure white.
6015 **Violet**
6016 **Isabellina,** yellow.
6017 **Mixed,** all colors.

Any above: Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c.

Drummondi Grandiflora Types *a*

6004 **Rose.** 6006 **Scarlet.** 6008 **Crimson.** 6010 **Pure White.** 6012 **Yellow.**

Any above: Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c.

6000 **DRUMMONDI, Mixed.** Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.; oz. 90 cts.

6019 **GIGANTEA, Art Shades.** *New.* Giant blooms. See page 25. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

6014 **MIXED STAR-SHAPED.** *a* Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6018 **HARDY PERENNIAL, MIXED** (*P. decussata*). *p* Hardy herbaceous perennial and quite distinct from above. Slow to germinate; may require a year. Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

Pentstemon (Beard Tongue) *p*

Culture J. Sow seed 1/8 in. deep. Hgt. 2 to 4 ft.; sun.

5044 **New Giant Flowered, Mixed.** Bushy plant with trumpet-shaped flowers. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

Physalis (Chinese Lantern Plant) *p*

Culture J (Page 30). Sow seed 1/8 in. deep. Hgt. 18 in.; sun or partial shade.

5998 **Franchetti.** Yellow flowers, dark center. Red balloon-like husks second year; useful in winter bouquets. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.

Primula, Obconica

Pyrethrum

Primula *h*

Culture E (Page 30). Sow seed on surface and firm soil. Sun. Ideal house plants, but can be used outside in summer. Hgt. 1 foot. For succession of bloom make several sowings from March to August.

6060 **Obconica grandiflora, Large-flowering Hybrids.** Lovely and profuse blooming Primrose, bearing on long stems large heads of beautiful white flowers, tinged lilac and rose shades. Pkt. 10 cts.; 1/64 oz. 40 cts.; 1/32 oz. 75 cts.

6062 **Muller (Mohnstein Strain).** Mixture of rose and dark red. Large flowers. Pkt. 35 cts.; 1/64 oz $1.35.

Hardy Primrose (Primula) *rp*

Culture F. Sow seed on surface and merely cover. Hgt. 1 ft.; partial shade; blooms April and May; requires rich soil; fine for rock-gardens.

6064 **Veris, Mixed.** Large flowers. Pkt. 10 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.; 1/4 oz. 90 cts.

6065 **Vulgaris.** Canary Yellow. Very fragrant. Pkt. 10 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.; 1/4 oz. 90 cts.

Pyrethrum *p* (Feverfew or Painted Daisy)

Culture J (Page 30). Sow seed 1/8 inch deep. About 2 ft. high; prefers sun; blooms from May to July and frequently in September. Flowers are of bright shades. A valuable border and bedding plant. Makes splendid cut-flowers.

6070 **Roseum.** Bright rose, single flowering. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

6072 **Album.** White, single. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

6074 **Atrosanguineum.** Blood-red, single. Pkt. 10 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.

6076 **Single Hybrids, Mixed.** Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.

6077 **Double Mixed.** Pkt. 20 cts.; 1/16 oz. 40 cts.; 1/8 oz. 75 cts.

6078 **DOUBLE AND SINGLE MIXED.** Pkt. 15 cts.; 1/16 oz. 35 cts.; 1/8 oz. 60 cts.

Platycodon *p* (Chinese Bellflower)

Culture K (Page 30). Sow seed 1/8 in. deep. Hgt. 2 to 3 ft.; sun; blooms June to October; light, well drained soil.

6020 **Grandiflora, Mixed.** Campanula-like blue flowers having balloon appearance when in bud. Ever-lasting. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

Portulaca (Moss Rose) *a*

Culture B (Page 30). Sow seed 1/16 inch deep. Hgt. about 6 in. Plant in dry, sandy soil with full exposure to sun. Blooms profusely from July to October from spring sowing. They give a dazzling display in beds, borders, rock-gardens or porch-boxes.

6050 **Large-flowering Single Mixed.** Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

6052 **Large-flowering Double Mixed.** Pkt. 15 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.; 1/4 oz. 75 cts.

Mr. Chachorski, Michigan: *"Always list me as a 100% booster for Livingston's seeds"* True Blue Booster

Sweet Briar Poppy

El Monte Poppy

Livingston's Oriental Hybrid Poppies
Enormous flowers; many beautiful colors and shades. We highly recommend this strain.

POPPIES

Iceland and Oriental Poppies *p*

Culture K (Page 30). Sow seed 1/8 inch deep. Sun or partial shade. Icelands are about 12 in. high and bloom from April to June. Orientals are 2 to 3 ft. and bloom in June and July. Best transplanted in August or later. Try the Orientals with Delphinium and Shasta Daisies.

6039 **EL MONTE.** *rp* New Iceland variety. Deep tangerine orange. Flowers are of large size, borne on long, wiry stems. Easily grown from seed in six months time. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

6041 **COONARA PINK.** *rp* New Iceland variety. Rose-pink suffused with salmon-pink. Flowers are borne on long, slender stems and are of rare delicacy. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

6038 **Single Mixed Iceland.** *rp* (*Papaver nudicaule*). Perfectly hardy; beautiful satin-like flowers of every shade of yellow, white, and orange-scarlet. Plants grow about 1 foot high, forming tufts, from which the flower stems issue. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6040 **Double Mixed Iceland.** *rp* Splendid mixture of double varieties. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.

6042 **Large Oriental.** Most popular variety in cultivation. Height, 3 feet. A dazzling scarlet with coal-black blotches. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6044 **LIVINGSTON'S ORIENTAL HYBRIDS.** Enormous flowers, sometimes more than 6 inches in diameter. Colors include shades of cherry, salmon, darkest red, vivid crimson, and innumerable others equally fine. Pkt. 10 cts.; 1/8 oz. 30 cts.; 1/4 oz. 50 cts.

6046 **Princess Victoria Louise.** Oriental. Beautiful salmon-pink. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

Iceland Poppy, Yellow Wonder. See page 22.

Ricinus (Castor-Oil Bean) *a*

Culture B (Page 30). Sow seed to depth four times their size. Grows in sun or partial shade. Good for backgrounds and screening.

6080 **Zanzibariensis.** 12 to 14 feet. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.

6082 **Borboniensis.** 10 to 15 feet. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.

6084 **Cambobgensis.** Stem and stalks ebony-black. Foliage various shades. Height, 5 feet. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.

6086 **Gibsoni.** Deep red leaves. Height 5 feet; compact. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.

6088 **Livingston's Mixture.** Unsurpassed for elegant blending. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 45 cts.

Annual Poppies

Culture C (Page 30). Sow seed 1/8 inch deep. Hgt. 18 to 24 in.; sun or partial shade; will grow in poor soil; blooms in July and August from spring sown seed.

6026 **Peony-flowered, Mixed.** Showy, double, globular flowers, almost equal to peonies. Finest colors. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 50 cts.

6028 **Carnation-flowered, Mixed.** Large double flowers, beautifully fringed. Colors of dazzling richness. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 50 cts.

6030 **LIVINGSTON'S GIANT DOUBLE-MIXED.** Improved double, giant-flowering kinds of the brightest colors, as well as the daintiest tints. Sturdy plants, 2 to 3 feet high; immense flowers, often 4 inches across. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 50 cts.

6036 **Tulip Poppies.** Large single flowers of dazzling scarlet. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

Annual Shirley Poppies

6031 **SWEET BRIAR.** New Shirley double Begonia-flowered novelty. A delightful shade of deep rose-pink with satiny petals all crinkled and crumpled. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6032 **Single and Double Annuals Mixed.** Single, semi-double and double flowers, 3 to 4 inches across. Fluted and crinkled petals. Colors from pure white to deep blood-red. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 50 cts.

6034 **American Legion.** One of the most beautiful. A brilliant orange-scarlet with yellow antlers. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 50 cts.

Ranunculus (Buttercup) *rp*

Culture A (Page 30). Sow seed 1/16 in. deep. Hgt. 6 to 12 in.; sun; blooms in May.

6079 **Asiaticus.** Wonderful strain of variable colors. Valuable for rockery and for cutting Pkt. 10 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.

J. R. Stephenson, Elkhart Co., Ind.: *"I was very well pleased with the seeds purchased from you last season, and had the best garden I have had in 20 years."*

H. G. Loehlin, Hennepin Co., Minn.: *"Last winter in India I saw some of your Golden Gleam Double Nasturtiums blooming, the seeds for which came from your house. They were gorgeous in color and profuse in quantity."*

Mrs. Buck, Iowa: *"I cannot say enough for your seeds, they are wonderful"*

Salvias [a-p]

(Flowering Sage)

Culture A (Page 30). Sow seed 1/8 in. deep. Hgt. 18 to 36 in.; sun; light soil; blooms from August on and is literally ablaze with brilliant flowers. Decidedly decorative for hedges and edging shrubbery.

6097 **Harbinger.** *New.* Earliest blooming variety. Started in February, starts blooming in June. Dazzling scarlet flowers and deep green foliage. Compact plant, 16 inches high. Pkt. 10 cts.; 1/16 oz. 40 cts.; 1/8 oz. 75 cts.

6090 **SPLENDENS GRANDIFLORA.** (Scarlet Sage.) Gorgeous plants; numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt. 10 cts.; 1/8 oz. 35 cts.; 1/4 oz. 60 cts.

6092 **BONFIRE.** Erect spikes of brilliant, dazzling scarlet on bushy plants about 14 inches high. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

6094 **AMERICA (Globe of Fire).** A free, continuous bloomer. Uniformity of growth makes it valuable for bedding or planting in line. Height, 1½ feet. Pkt. 10 cts.; 1/16 oz. 35 cts.; 1/8 oz. 65 cts.

6099 **Farinacea.** *p* A decidedly different hardy variety. Grows 2 to 4 feet high but only 10 to 12 inches in width. Long spikes of light blue flowers. Needs winter protection. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.

6098 **PATENS BLUE.** *p* Hardy variety growing 2 feet high. Large, rich deep blue flowers. Dig roots and winter in cold place. Pkt. 15 cts.; 1/16 oz. 30 cts.; 1/8 oz. 50 cts.

Sweet Scabiosa (Pin-Cushion Flower)

Annuals

Culture B (Page 30). Sow seed 1/8 inch deep. Hgt. 2 to 2½ ft; sun or partial shade. Spring sown seed gives bloom from June to October. Exquisite flowers on long stems.

6114 **Shasta.** Pure White.
6116 **Azure Fairy.** Sky-blue.
6118 **Fiery Red.**
6124 **Flesh.** Deeply flushed.
6126 **Lilac.**
6128 **Cherry-Red.**
6130 **Black Prince.**
6115 **LOVELINESS.** Delicate salmon-rose shades. Fragrant.
6117 **PEACH BLOSSOM.** Beautiful peach-blossom pink.

Any one above: Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

COLLECTION: **9 separate colors above, value 90 cts.** **75 cts.**

6120 **ROSETTE.** *New.* Deep rose suffused salmon. See page 25. Pkt. 25 cts.; 1/16 oz. 35 cts.; 1/8 oz. 60 cts.

6132 **LIVINGSTON'S IMPROVED LARGE-FLOWERING BLEND.** An excellent mixture, containing all the finest large-flowering double sorts. Pkt. 10 cts.; 1/8 oz. 15 cts.; 1/4 oz. 25 cts.

Perennials

Culture J. Sow seed to depth four times their size. Sun; well drained soil.

6136 **CAUCASICA, Hardy.** 3 feet high; large lilac-blue flowers. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.

6138 **CAUCASICA, ISAAC HOUSE STRAIN.** Improvement over Caucasica. More vigorous, stronger and longer stems and larger flowers. Pkt. 15 cts.; 1/16 oz. 35 cts.; 1/8 oz. 65 cts.

One Plant of Saponaria
Profuse bloomer; fine subject for the rock garden.

Salvia, Splendens
Most popular standard variety. Produces intensely vivid scarlet spikes until hard frost.

Saponaria [rp]

Culture J (Page 30). Sow seed 1/16 inch deep. Hgt. 6 in.; sun or partial shade; blooms in June.

6112 **Ocymoides Splendens.** Trailing rock plant. Showers of vivid rose-pink flowers. Pkt. 10 cts.; 1/4 oz. 25 cts.

Salpiglossis (Painted Tongue)[a]

Culture A (Page 30). Sow seed 1/8 inch deep. Hgt. 18 in.; sun or partial shade; blooms July to September; prefers sandy soil.

6100 **MIXED.** Delicate reds, deep blues, whites and other colors, striped with veins of gold. Petunia-like blooms borne on thread-like stems. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

Sanvitalia (Creeping Zinnia)[a]

Culture C (Page 30). Sow seed 1/8 inch deep. Hgt. 6 in.; blooms from June to October.

6110 **Procumbens, Double.** Creeping, prostrate plants with golden-yellow flowers much like tiny Zinnias. Pkt. 10 cts.; 1/8 oz. 30 cts.; 1/4 oz. 50 cts.

Saxifraga [rp]

Culture J (Page 30). Sow seed on surface and merely cover. Hgt. 1 ft.; sun or partial shade; blooms May and June. Fine foliage.

6156 **SAXIFRAGA, Mixed.** Masses of handsome, broad, deep green foliage. Pink and white flowers. Pkt. 15 cts.; 1/32 oz. 60 cts.

6157 **Saxifraga, Mossy Varieties, Mixed.** Splendid mossy mats studded with starry flowers. 6 inches. Pkt. 20 cts.; 1/32 oz. 75 cts.

Scarlet Runner Bean [ca]

Culture C (Page 30). Sow seed to depth four times their size. Blooms from June to August; prefers poor soil and sun. Excellent for porches and trellises.

6146 An ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 35 cts.

Schizanthus (Butterfly Flower)[ra]

Culture B. Sow seed 1/16 in. deep. Hgt. 18 in.; blooms July to September; popularly called "Poor Man's Orchid."

6140 **Mixed.** Effective fern-like foliage; oddly marked and queerly shaped flowers in various shades. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

Mrs. Harry E. Ross, Northampton Co., Pa.: *"Referring to the seeds I got from you last year, I should like to tell you my beautiful flowers excelled any grown by my garden friends."*

Stokesia (Cornflower Aster)

Fragrant Stocks

Sweet William Planting

Stokesia (Cornflower Aster) *p*

Culture J (Page 30). Sow seed 1/8 inch deep. Hgt. 18 to 20 in.; sun; blooms July to late October; satisfactory in poor soil. Valuable bedding plant.

6170 **Cyanea.** Bachelor's button-like, light fluffy lavender-blue flowers, several inches in diameter. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 45 cts.; 1/4 oz. 85 cts.

Sensitive Plant *a*

Culture B (Page 30). Sow seed 1/8 inch deep.

6150 A curious plant; the leaves close and droop at the slightest touch or during cloudy, damp weather. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.

Silene (Catchfly) *p*

Culture J (Page 30). Sow seed 1/16 in. deep. Hgt. 6 in.; sun or partial shade; trailing; blooms July to October.

6160 **Schafta.** Bright rose, fine autumn border or rock plant. Pkt. 10 cts.; 1/16 oz. 30 cts.; 1/8 oz. 40 cts.

Statice (Sea Lavender)

***a* ANNUAL, Culture D (Page 30). *p* PERENNIAL. Culture J. Separate seed, lay on side and cover 1/8 in. Hgt. 18 to 24 in.; sun; blooms July to August. Makes good everlastings.**

6180 **True Blue** *a*
6182 **Rosea Superba** *a*
6184 **White** *a*
6185 **Bonduelli Yellow** *a*
6186 **Mixed** *a*

Any one above: Pkt. 10 cts.; 1/4 oz., 25 cts.; oz. 65 cts.

6188 **DUMOSA.** *rp.* Hardy variety for rock work; rose colored flowers. Height 12 inches. Pkt. 10 cts.; 1/16 oz. 35 cts.; 1/8 **oz. 65 cts.**

Stachys (Lamb's Ear) *rp*

Culture J. Sow seed on surface and merely cover. Hgt. 1 to 1½ ft.; sun.

6164 **Lanata.** Grown principally for its dwarf, white woolly foliage. Lavender flowers. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

Sunflower (Helianthus) *a*

Culture C (Page 30). Sow seed to depth four times their size. Hgt. 4 to 6 ft.; sun; withstands drought; blooms September and October; prefers light, rich soil.

6190 **Miniature Hybrids.** Profuse bloomer; mixed colors. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 65 cts.

6192 **Globe of Gold.** Double, globe-shaped. Pkt. 10 cts.; 1/4 oz. 20 cts.; oz. 50 cts.

6194 **Livingston's Mixture.** Pkt. 10 cts.; 1/8 oz. 15 cts.; 1/4 oz. 25 cts.; oz. 75 cts.

"TRUE BLUE" SEED—None Better

Stocks *a*

(Gilliflower)

Culture A (Page 30). Sow seeds 1/16 inch deep. Hgt. 18 to 30 in.; sun; blooms August to October from spring sown seed; light rich soil. Fine for bedding, cutting and pot culture.

6174 **Finest Mixed.** Large-flowering double flowers embracing many colors and shades. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6176 **GIANT PERFECTION, MIXED. (Cut-and-Come Again Variety.)** Our best mixture, containing the cream of the list in finest colors. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 35 cts.

Double Early Giant Imperial Stocks

Branching habit with large flowers on long stems. Very early blooming with high percentage of doubles. Height 26 inches.

6177 **Blood Red**
6177½ **Lavender**
6178½ **Rose**
6178 **Buttercup,** rich yellow.
6179 **Mixed,** all colors.

Any one above: Pkt., 15c; 1/16 oz. 30c; 1/8 oz. 55c.

Sweet Williams

(Dianthus Barbatus) *p*

Culture K (Page 30). Sow seed 1/8 inch deep. Hgt. 12 to 18 in.; sun or partial shade. An easily grown perennial from seed sown outside. Usually does not bloom until second season from May to July. Deliciously fragrant and unsurpassed for cutting.

6284 **Livingston's Miracle Blend.** Our own improved strain. Exceptionally large, symmetrical heads of every conceivable color and shade from white to almost black. All double and semi-double blooming. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6287 **SCARLET BEAUTY.** Large heads of intense scarlet single blooms. A charming and distinct sort and one that every lover of Sweet Williams should have this year. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.

6288 **Pink Beauty.** A beautiful salmon-pink. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 30 cts.

6290 **Double Mixed.** Very superior, containing all colors and shades. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 40 cts.

6292 **Single Mixed.** A very choice assortment of all the best single-flowering varieties. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

6294 **DOUBLE and SINGLE MIXED.** This mixture is made by blending the double and single-flowering varieties. Pkt. 10 cts.; 1/8 oz. 20 cts.; 1/4 oz. 35 cts.

Antirrhinum or Snapdragons, See Page 32.

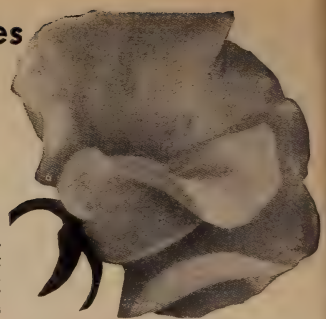
Christ W. Asmus, St. Louis, Mo.: *"I have always had good luck with all seeds bought from you and find they make stronger plants and are all you claim them to be."*

Choice Spencer Varieties

SWEET PEAS

Extra Early Flowering Spencers

The Spencers present a striking advance in flower breeding, having long stems and usually 4 gigantic blooms. Sow as early as possible; give plenty of water and do not let seed-pods form.



Glitters, best cerise-scarlet

A leaflet "How to Grow Sweet Peas" sent free on request.

Extra-Early Flowering Spencers

A real addition to the garden of those who want early Sweet Peas. While they are used almost exclusively by the greenhouse trade, they do equally well outside, the only difference being that the blossoms are just a trifle smaller. This early selection retains all of the Spencer characteristics, usually having four blooms on a long, stiff stem.

6255 **Shirley Temple** *New.* Named in honor of Shirley Temple. Extra large rose pink, daintily frilled and fluted. Long stems usually carrying four blooms; strong vigorous plant. (See page 24.) Pkt. 20 cts.; ½ oz. 40 cts.; oz. 75 cts.

6250 **Glitters.** Cerise-scarlet.
6251 **Fragrance.** Lavender.
6252 **Harmony.** Clear lavender.
6254 **Torch.** Salmon-orange.
6256 **Zvolanek's Pink.**
6257 **Lady Gay.** Shrimp-pink.
6263 **Blue Bonnet.** Clear blue.
6266 **White Harmony.**
6268 **Early Aviator.** Glowing crimson.

Any one above: Pkt. 15 cts.; oz. 50 cts.; ¼ lb. $1.50.

6253 **Fascination.** Salmon rose-pink.
6261 **Valencia.** Bright orange.

Any one above: Pkt. 15 cts.; oz. 60 cts.; ¼ lb. $1.75.

6270 **MIXED.** All the best extra-early flowering varieties. Pkt. 15 cts.; oz. 40 cts.; ¼ lb. $1.25.

Standard Flowering Spencers

6200 **Mary Pickford.** Cream-pink suffused salmon.
6202 **Campfire.** Bright, sunproof scarlet. Profuse.
6203 **Red Boy.** A pure, rich crimson. Long stems.
6204 **King Edward.** Scarlet and rosy carmine.
6205 **Powerscourt.** Best lavender.
6212 **George Shawyer.** Orange, shaded salmon.
6214 **Hawlmark Pink.** Rich rose-pink flushed salmon.
6216 **Royal Scott.** True orange-cerise-scarlet.
6218 **Warrior.** Rich deep maroon blooms of fine form.
6220 **Mrs. Tom Jones.** A real, azure-blue.
6222 **Royal Purple.** Best purple. Improves with age.
6226 **King White.** Glistening white. Gigantic size.
6232 **Valentine.** Deep blush-pink. Well-formed flowers.
6234 **Pinkie.** Rich rose-pink. Large and vigorous.

Any one above: Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 90 cts.

Livingston's Special Collection of Spencer Sweet Peas

6200 **Mary Pickford.**
6202 **Campfire.**
6205 **Powerscourt.**
6220 **Mrs. Tom Jones.**
6222 **Royal Purple.**
6226 **King White.**
6234 **Pinkie.**

All Listed Above.

Seven Liberal Packets for 35 cts., Postpaid

6240 **SPENCER, MIXED.** Many of the best named sorts, also some rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades, are included in this good mixture. All flowers are of large size, typically frilled and waved. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.

Mrs. A. E. Young, Morrow Co., Ohio: *"We have grown your Sweet Peas for ten years and have always found them super-fine."*

Mrs. E. C. Merrell, Harvey County, Kansas: *"I had splendid luck with your flower seeds last year."*

Livingston's Superb Special Spencer Blend

6244 The different sorts contained in this mixture are grown separately and we mix them ourselves in proper proportions to give the most brilliant effect. Embraces the finest Spencer varieties, including latest novelties, and will produce a great abundance of giant flowers in many delightful colors, including mottled, blended, flaked and striped sorts. This superb mixture is, without exception, the finest it is possible to make and offer at this price.

Pkt. 10 cts.; oz. 30 cts.; ¼ lb. 90 cts.

Livingston's Gilt-Edge Mixture of Grandiflora Varieties

This is a very superior mixture, made up of over 50 of the finest named varieties of this older type. All are bright colors.

6248 **Gilt-Edge Mixture.** Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.

Hardy Sweet Peas (Lathyrus latifolius)

Culture K. Soak seed overnight, sow ½ inch deep. Hgt. 5 to 7 ft.; sun; prefers rich soil.

Showy, free-flowering perennial. Blooms continuously from early spring until midsummer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 8 to 10 feet.

6274 **White.** 6278 **Red.** 6276 **Pink**

Above colors, pkt. 15 cts.; ⅛ oz. 20 cts.

6280 **Mixed.** All colors mixed. Pkt. 15 cts.; ¼ oz. 25 cts.; oz. 65 cts.

Mr. Adrain, Michigan: *"Neighbors amazed at my success. It pays to buy good seeds"*

Tithonia
(A Mexican Sunflower)

Venedium
(A South African Daisy)

Tithonia [a]

Culture C. Sow seed to depth four times their size. Sun; desirable for border planting and as cut-flowers.

6304 **Speciosa** (*Mexican Sunflower*). Orange vermillion flowers, resembling single African Marigolds, on woody stems. Foliage and habit of growth like Dahlias. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Venedium [a]

Culture B. Sow seed ⅛ inch deep. Hgt. 2 to 3 ft.; requires sun; ordinary soil and little fertilizer; blooms over long period.

6325 **FASTUOSUM.** Deep orange, daisy-like, 4 to 5 inch flowers, with reddish brown disc at base of petals and purple-black center. Fine greyish, silky foliage adds to its beauty. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Thunbergia (Black Eyed Susan Vine) [ca]

Culture B (Page 30). Sow seed to depth four times their size. Hgt. 5 ft.; requires sun; blooms June to October; light soil.

6300 **Mixed.** Rapid growing climbing or trailing plant for hanging baskets or trellises. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Torenia (Wishbone Flower) [ra]

Culture G (Page 30). Sow seed on surface and merely cover. Hgt. 1 ft.; sun; blooms July to Nov. Fine for pots or hanging baskets.

6306 **Fournieri.** Bushy plant, snapdragon-like blue flowers. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Tritoma (Red Hot Poker) [p]

Culture H (Page 30). Sow seed ⅛ in. deep. Hgt. 3 to 4 ft. Attractive border plant; requires winter protection.

6308 **Hybrida, Early-flowering, Mixed.** Spear-head like stems in many colors. Pkt. 10c; 1/16 oz. 25c; ⅛ oz. 45c.

Tunica [rp]

Culture J (Page 30). Sow seed on surface and merely cover. Hgt. 6 in.; sun; blooms June to September; tolerant of heat and drouth.

6310 **Saxifraga.** Tufted plant with pretty rose flowers. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Valeriana (Hardy Garden Heliotrope) [p]

Culture J Sow seed ⅛ in. deep. Hgt. 2 ft.; sun; blooms June to Aug.

6320 **Mixed.** Showy heads of flowers with strong heliotrope fragrance. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Vinca (Periwinkle) [a]

Culture G (Page 30). Sow seed ⅛ in. deep. Hgt. 12 to 18 in.; partial shade; bushy, glossy foliage; beautiful circular flowers.

6370 **Rosea alba.** 6372 **Alba.** 6374 **Rosea.** 6376 **Mixed.**
Any one above: Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

Violet [p]

Culture F (Page 30). Sow seed ⅛ in. deep. Blooms April to June.

6380 **Sweet-scented.** Violet blue. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Viola (Tufted Pansy) [a or p]

Culture F (Page 30). Sow seed ⅛ in. deep.

6384 **Cornuta, Mixed.** Smaller than Pansy but more profuse. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Xeranthemum (Everlasting Flower) [a]

Culture B. Sow seed ⅛ in. deep. Hgt. 2 ft.; blooms July to September.

6386 **Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Erecta Type Verbena, Fireball

Verbenas [a]

Culture B (Page 30). Sow seed ⅛ inch deep. Hgt. 6 to 12 in.; will grow in any good, light garden soil in sun or partial shade. It is spreading, forming a carpet of green with large flower heads of many shades from July to October from spring sown seed. Cut the flowers as they begin to fade for more abundant bloom.

Mammoth Types

6340 **Defiance.** Scarlet. 6346 **Pink Varieties.**
6342 **Blue Varieties.** 6348 **Pure White.**
6344 **Striped Varieties.** 6350 **Purple.**
Any one above, pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

COLLECTION: One packet each above 6 colors **50c**

6360 **LIVINGSTON'S MAMMOTH MIXED VERBENAS.** All colors. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Hybrida Grandiflora Types

6365 **Beauty of Oxford** **Award of Merit, 1933.** Brightest rose ever produced from seed. Shades from clear rose-pink to rose-red. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 45 cts.

6364 **LUMINOSA.** A flaming pink shading to salmon; white eye. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Compacta Erecta Type

6368 **FIREBALL.** *ra* A dwarf compact sort about 6 inches high, bright scarlet blooms. Pkt. 10 cts.; 1/16 oz. 40 cts.; ⅛ oz. 60 cts.
Floradale Beauty. See page 22.

Veronica (Speedwell) [rp]

Culture J (Page 30). Sow seed 1/16 inch deep. Hgt. of varieties vary from 1 to 36 inches; blooms July to Sept.; sun or partial shade; moist soil.

6331 **Prostrata.** Trailer. Blue flowers. Blooms June and July. Pkt. 15 cts.; 1/16 oz. 50 cts.; ⅛ oz. 90 cts.

6332 **Repens.** Pretty, 1 inch carpeting plant. Blue flowers. Blooms May and June. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

6334 **Spicata.** Beautiful sapphire blue spikes about 15 inches high. Blooms June and July. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

6330 **Veronica, Tall Mixed.** 2 to 3 ft. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

Double Dahlia Flowered Zinnia

Haageana Zinnia
A Mexican Hybrid, and the smallest we offer.

Double Pompon or Lilliput Zinnia

ZINNIAS

Culture B (Page 30). Sow seed ⅛ inch deep. Easily grown and gives a world of bloom from July to October. They will thrive in any ordinary garden soil with little fertilizer, but prefer sun. Fine for bedding, borders and cut flowers.

Double Dahlia-Flowered

Strong, vigorous plants, 2½ to 3 feet high, producing mammoth flowers 4 to 6 inches across by 2½ to 3 inches deep.

6432 **Old Gold.** Deep orange color.
6434 **Golden Dawn.** Golden yellow.
6436 **Luminosa.** Bright rose.
6438 **Eldorado.** Rose on salmon.
6440 **Oriole.** Orange and golden bicolor.
6442 **Exquisite.** Tyrian-rose.
6446 **Polar Bear.** Pure white.
6448 **Crimson Monarch.** Crimson.
6450 **Scarlet Flame.** Bright scarlet.
6454 **Dream.** Deep lavender.
6456 **Purple Prince.** Rhodanthe-purple.

Any one above: Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Collection, Dahlia-Flowered Zinnias
Exquisite - Polar Bear - Purple Prince
Crimson Monarch - Oriole -
Scarlet Flame - Dream
Would cost $1.05 separately.
75c

6460 Livingston's Special Blend, Double Dahlia-Flowered Zinnia

Not just an ordinary mixture with a little of something else thrown in, but a special mixture of all the best Dahlia types made from separate colors. Brilliant colors and giant flowers.

Pkt. 15c.; ⅛ oz. 25c.; ¼ oz. 45c.; oz. $1.25.

6464 Double Dahlia-Flowered Mixed

A splendid mixture of the Dahlia-flowered type. Large flowers with a good color range. Will make a splendid show in any garden. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.; oz. $1.25.

Curled or Crested

6470 Large double flowers; petals twisted, curled and crested into fantastic and graceful forms. Pkt. 10 cts.; ¼ oz. 35 cts.; oz. 90 cts.

Livingston's "Garden Gadgets." Pages 16-17.

Haageana (Mexican Hybrids) Mixed

6482 The smallest Zinnia we offer. Fine for bedding and small bouquets. Many attractive colors and combinations. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Double Pompon or Lilliput

The plant is 18 to 24 inches high. The double flowers are very beautiful little things about 1½ inches in diameter.

6472 **Crimson Gem.** 6474 **Golden Gem.** 6478 **Flesh.**
6473 **Salmon Rose.** 6476 **Scarlet Gem.**

Any one of above, each pkt. 10c; ⅛ oz. 20c; ¼ oz. 35c.

6480 **All Colors Mixed.** Containing those above and many others. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Elegans Pumila Dwarf Double

(Cut and Come Again Variety.) Extra double flowers, produced on dwarf plants about 18 inches tall.

6425 **Pinkie** 6427 **Salmon Rose**
6426 **Bright Scarlet** 6428 **Canary Yellow**

Any one above: Pkt. 10c; ⅛ oz. 20c; ¼ oz. 30c.

6430 **Pumila, Mixed.** Contains above and many other colors. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Fantasy

6468 **STAR DUST. Award of Merit, All-America Selections, 1937.** See color illustration inside front cover and page 1. Pkt. 25 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

6469 **MIXED. Award of Merit, All-America Selections, 1935.** The trend is toward smaller flowered, more graceful Zinnias. Fantasy meets this demand in all details. Illustrated on inside front cover and fully described on page 1. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Mammoth-Flowering

6400 **Crimson.** 6406 **Pure White.**
6402 **Dark Purple.** 6408 **Golden Yellow.**
6404 **Flesh-Pink.** 6410 **Scarlet.**

Any one above, each, pkt. 5c; ⅛ oz. 20c; ¼ oz. 30c.

COLLECTION: **One Pkt. each above, 25 cts.**

6420 **LIVINGSTON'S MAMMOTH-FLOWERING PRIZE MIXTURE.** Pkt. 5 cts.; ¼ oz. 20 cts.; oz. 50 cts.

New Crown O'Gold

Dual-tone color harmony in each flower. Golden yellow at base, individual flower color at tip.

6485 **Desert Gold.** New, many yellow shades. Pkt. 15 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

6488 **Mixed.** All Colors. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

THE LIVINGSTON SEED CO.

32 East Spring St. . . . *Seedsmen Since 1850* . . . Columbus, Ohio

NOTE: Planting dates given are for the vicinity of Columbus, Ohio or the 40th latitude. Allow about 3 days difference for every 50 miles of latitude; South, earlier; North, later.

VEGETABLE PLANTING TABLE

Name of Vegetable	Time to Plant in Window Box or Bed	Time to Plant in Open	Seeds or Plants for 100 foot Row	Seeds or Plants for Acre	Days until ready to use	Dist apart in row in inches	Depth plt'g in inches	Rows Apart Hand Cultivation	Rows Apart Horse Cultivation
Asparagus Seed.		Apr. 1 to 15	2 oz.	4 to 5 lbs.	3 to 4 yrs.		1 to 2	18 to 24	30 to 36
Asparagus Plants,		April	75 plants	7,300	2 yrs. from 2-yr. plts.	18	8	24 to 36	36 to 48
Bush Lima Beans,	Apr. 25 in pots	May 15 to June 20	1 pound	1½ bushels	65 to 100	6-10	1	30	30 to 36
Pole Lima Beans,	Apr. 25 in Pots	May 15 to June 30	½ pound	½ to ¾ bu.	75 to 120	24-36	2	30 to 36	36 to 48
Bush Beans,		May 10 to Aug. 5	1 pound	1½ bushels	45 to 75	3-4	2	24 to 30	30 to 36
Pole or Corn Beans.		May 15 to July 20	½ pound	20 to 40 lbs.	65 to 110	18-24	2	30 to 36	30 to 36
Beets, Table	March	April to August	2 oz.	4 to 6 pounds	60 to 70	2-3	½	12 to 15	30 to 36
Beets, Stock,		April to July	1 oz.	3 to 4 pounds	70 to 80	8-10	1 to 2	15 to 18	30 to 36
Broccoli,	March to May	April to July	75 plants	8 to 10,000 plts	85 to 140	18-30	½	30 to 48	30 to 48
Brussels Sprouts,	March	April	100 plants	12,500 plants	120 to 130	12-18	½	30	30 to 36
Early Cabbage Seed,	Feb.-March		¼ oz.	¾ to 1 pound	110 to 130		½	30	
Late Cabbage Seed,	Apr. 20-May 20	May 5 to June 1	¼ oz.	¾ to 1 pound	130 to 140		½		
Cabbage Plants,		April 1 to July 20	75 to 80 plts.	8 to 10,000 plts	90 to 100	14-18		30 to 36	30 to 36
Cauliflower,	Feb., Mar., June	April to July	75 plants	8 to 10,000 plts	85 to 140	18-24	½	30 to 36	30 to 36
Carrots,	March	April to July	1 oz.	3 to 5 pounds	65 to 120	2-3	½	12 to 15	30 to 36
Celery Seed,	March	April 1 to May 10	¼ oz.	10 to 12 ozs.	125 to 150		1-8	12 to 30	36 to 42
Celery Plants,		May to August	150 to 200	20 to 40,000	60 to 100	6-8		12 to 30	36 to 42
Celeriac,	April to May	May to June	150 to 200	20 to 40,000	120 to 150	6-8	1-8	18	30 to 36
Corn, Sweet,		May 10 to July 10	¼ lb.	10 to 16 lbs.	65 to 110	14-36	1 to 2	30 to 36	36 to 42
Corn Salad,		May 1 to Sept. 1	1 oz.	6 to 10 pounds	60 to 85	1-2	½	12 to 15	
Cress,		April	1 oz.	2 to 3 pounds	35 to 50	4-8	½	15	
Cucumbers,	April in Pots	May 15 to July	½ oz.	2 to 3 pounds	60 to 85	48-72	½-1	48	48 to 72
Cucumbers, Pickle,		June, July	½ oz.	2 to 3 pounds	55 to 80	48-72	½-1	48	48 to 72
Dandelion,		April to August	1 oz.	3 to 4 pounds	60 to 80	4-8	½	15 to 18	30
Egg Plant,	March	Plants May 20	50 plants	7,000 plants	120 to 160	18-24	¼	30	36 to 42
Endive,	March	April to Aug.	1 oz. seed	3 lbs. 40,000 pl.	75 to 100	8-10	½	12 to 15	
Garlic Sets,		April	3 pounds	4 to 5 bushels	180 to 210	4-6	1	12 to 18	
Horse Radish,		April	75-100 sets	12 to 15,000	180 to 210	12-18		30 to 36	30 to 36
Herbs,		April, May	½ to 1 oz.			6-18	½	15 to 18	30 to 36
Kale,		Apr., Aug., Sept.	1 oz.	1 to 2 pounds	60 to 70	2-4	½	15 to 18	30 to 36
Kohlrabi,	March	April to July	½ oz.	4 lbs., 25,000 pl.	66 to 85	6-8	½	15 to 18	30 to 36
Lettuce Seed, Loose	March to April	April to Sept.	½ oz.	3 pounds	65 to 100	2-4	¼	12 to 15	
Lettuce Seed, Head,	March to April	April to Aug.	½ oz.	2 to 3 pounds	70 to 110	12-15	¼	12 to 15	
Lettuce Plants,		April to Sept.	150 to 200	45 to 50,000	42 to 80			12 to 15	30 to 36
Leeks,		April	1 oz.	4 pounds	120 to 140	6-10	½	15 to 18	30 to 36
Melon, Musk,		May 15 to June 15	½ oz.	2 to 3 pounds	95 to 120	48-72	1 to 1½	48 to 72	48 to 72
Melon, Potted Plts,	April	May 20 to June 20	25 plants	1,500 to 2,000	65 to 85	48-72		48 to 72	48 to 72
Melon, Water,		May 20 to June 1	1 oz.	4 to 6 pounds	100 to 140	72-90	1 to 2	72 to 90	72 to 90
Mustard,		April to August	1 oz.	2 to 5 pounds	60 to 72	4-6	½	12 to 15	
Onion Seed, Sets,		April to May	6 oz.	50 to 60 lbs.	120 to 130		½ to 1	12 to 15	
Onion Seed, Large,	Mar. & Transp.	Early as Possible	1 oz.	4 pounds	90 to 130	2-3	½ to 1	12 to 15	
Onion Sets,		March to July	1 to 2 lbs.	6 to 12 bushels	40 to 60	2-3	1	12 to 15	
Winter Onions,		Aug., Sept.	1 to 2 lbs.	8 to 15 bushels	60 to 80	3	2 to 4	18 to 24	30 to 36
Okra,		May	1 oz.	4 to 6 pounds	120 to 150	18-24	½	24	30 to 36
Parsley,		April, May	½ oz.	2 to 3 pounds	70 to 100	3-6	¼	12 to 15	30
Parsnips,		March, April	½ oz.	4 to 5 pounds	130 to 160	5-12	½	12 to 15	30 to 36
Peas, Early		March, April	2 pounds	1 to 2 bushels	60 to 80	2	2 to 3	15 to 24	30 to 36
Peas, Late		April, May	2 pounds	1 to 2 bushels	75 to 90	2	2 to 3	15 to 36	30 to 36
Peppers,	Mar. 25 to May	Plants May 20	50 plants	7,000 plants	135 to 160	18-24	½	24 to 36	30 to 36
Potatoes, Irish		April to July	10 pounds	10 to 12 bu.	75 to 130	12-14	4	24 to 30	30 to 36
Potatoes, Sweet	Apr. 10 to May 1	May 15 to June	75-100 plts.	18,000 plants	120 to 140	12		30	30 to 36
Pumpkins,		May 20	1 oz., 15 h'ls	4 pounds	140 to 160	72-86	1	96	96
Radish,	March	April to Sept.	1 oz.	6 to 10 pounds	25 to 50	2-3	½	12 to 15	
Radish, for Winter,		Aug., Sept.	1 oz.	5 to 6 pounds	40 to 60	2-6	1	12 to 15	30
Rutabaga,		July, Aug.	1 oz.	1 to 3 pounds	75 to 80	3-6	1	12 to 15	30 to 36
Rhubarb Roots,		April and Oct.	30 plants	3,650 plants	2 years	36-40	cr'ns 3	36 to 48	48
Salsify,		April	½ oz.	4 to 6 pounds	125 to 160	3-5	1	12 to 15	30 to 36
Spinach,		Apr., Aug. & Sept.	2 oz.	10 to 20 lbs.	60 to 75	2-3	1	12 to 15	
Swiss Chard,	March	April to July	1 oz.	4 to 5 pounds	60 to 75	8-10	1 to 2	12 to 18	30 to 36
Squash, Bush,		May 20	1 oz., 40 h'ls	4 to 5 pounds	60 to 120	48	1 to 2	48 to 72	48 to 72
Squash, Vining,		May 20	1 oz., 40 h'ls	3 to 4 pounds	75 to 140	96	1 to 2	72 to 96	96
Tomato Seeds,	Mar. to April	May, June	1 pkt.	¼ pound	90 to 140		½		
Tomato Plants,		May 10 to July 10	30 to 40	Staked 3,650 to 5,000 Flat 2,800	60 to 90	24-48		24 to 48	36 to 48
Turnips,		Apr., Aug., Sept.	1 oz.	1 to 2 pounds	50 to 75	3-4	½	12 to 15	
Strawberry Plants,		Apr. May Aug Sept.	75 plants	5 to 8,000	8 to 14 mo.	14-18		30 to 48	36 to 48

FIRST—In Our Trial Gardens

Livingston's "TRUE BLUE"

The Vegetable Garden

The Right Start is a Good Start with Good Seeds—this is an unquestionable fact, not artful selling propaganda. When we say "First—in our Trial Garden and then—in Your Garden" we mean our seeds are grown by us under comparable conditions that will exist in your garden. We must know they are good seeds before you receive them.

This catalog gives you complete cultural directions, a **planting table** on page 57, a **spraying chart** on page 93 and a large selection of the best varieties. In addition, we offer a free inquiry letter service through our staff of experienced, practical gardeners and cultural leaflets for various vegetables and flowers. On page 2 you will find our **Gift Offers.** Extra seed with $1.00 orders and **"My Pocket-Garden Guide"** if the order amounts to $1.50 or more.

Please Read This Before Ordering

One-half pound of any vegetable (excepting Peas, Beans and Corn) may be purchased at the pound rate.

At low prices quoted we cannot pay transportation on Peas, Beans and Corn beyond the 4th zone unless ordered with other seeds.

We cannot supply less than 5 lbs. of any one variety at the 5 pound rate, neither can we supply 5 lbs. made up of two or more varieties at the 5 pound rate.

For quantities larger than quoted herein, please write for special price.

AND THEN—In Your Own Garden

Vegetable Seeds

Value of Vegetables in the Daily Diet

The nutritive value of vegetables is becoming more important and better known every day. For your Health's sake, we are giving available information on vitamins, minerals and calories under vegetable headings on the following pages. Where this information is not given it is as yet unknown. Key to values is as follows: **Vitamins** given in capitals mean excellent source; in small letters good source; mention of **Calcium** or **Iron** means they are available; capitals mean excellent source; **Calories** are given per pound, indicated (Cal. lb. 200). Sources of data are: United States Dept. of Agriculture and Georgia Experiment Station.

VEGETABLE PACKETS 5 CTS. EACH

We have reduced most of our vegetable packets to five cents so that a greater number of gardeners may be influenced to use "True Blue" seeds and see what a difference these good seeds make. By a quality comparison all other prices will be found just as reasonable. The high quality level, maintained for 87 years, shall always remain constant.

FREE 10c Value With Each $1 Purchase of Flower and Vegetable Seeds.

Here is a Gift Offer for both old and new customers. For complete details as to how to qualify for this gift see page 2.

"MY POCKET GARDEN GUIDE"

FREE upon request, with orders amounting to $1.50 or more. This handy Garden Guide is fully described and illustrated on page 2. For complete details as to how to qualify for this gift see page 2.

Nod-O-Gen (Jelly) Inoculator for Legume Crops

It always pays to inoculate legumes, thus stimulating bacterial growth on their roots, forming nodules which take nitrogen from the air for use by the plant and enrichment of the soil.

Each different crop or group has its own specific culture. In ordering, specify the crop or group for which it is to be used by number and state the amount you want. Peas and Beans are the only garden legume crops that can be inoculated. We supply fresh cultures in dated bottles.

Postpaid Price of Culture for the following seeds:

No. 1—Alfalfa and Sweet Clover.	½ bu. size..	$0.30
No. 2—Red, Mammoth, Alsike, White and Crimson Clovers	1 bu. size..	.50
	2½ bu. size..	1.00
No. 3—Soy Beans.....		
No. 4—Cowpeas	1 bu. size..	$0.30
No. 5—Field and Garden Beans..	2 bu. size..	.50
No. 6—Field and Garden Peas, Vetches, Sweet Peas and Flat Winter Peas..	5 bu. size..	1.00

Prices on 10 to 25 bu. sizes for Soy Beans, Cow-peas, Vetches, Field and Garden Beans on request.

No. 7—**Garden Size Package.** Combination for Sweet and Garden Peas, Garden and Lima Beans. $0.20

We cannot supply combination for Peas and Beans except in Garden Size.

Livingston's Serial Picture Story

Continued from page 41

Here are pictures from our vegetable "quality building plant." Many varieties are put through rigid tests for germination, productiveness, type, earliness, etc., the results being used in growing and placing contracts.

To the critical market gardener who demands good seeds these trials mean much. Knowing that this is their assurance of quality, they are large users of "True Blue" seeds.

Continued on page 71

Asparagus Roots

Culture—The Asparagus bed should be started in early spring. Spade deeply and pulverize well. Mixing in manure is beneficial if soil is not reasonably rich. Make trenches one foot wide and 10 to 12 inches deep about 24 inches apart. Fill in with 2 inches of good soil and place roots about 15 inches apart covering with 2 or 3 inches of soil. Cultivate well to keep down weeds and fill in with soil as the shoots appear. Light cuttings may be made the second year and general cuttings the third year.

MARY WASHINGTON. One year roots; doz. 35 cts.; 100 for $2.25, Postpaid.

Horse Radish Roots

Culture—It is not difficult to grow Horse Radish. The roots should be planted in good rich soil. They should be placed with the small end down with tops 2 inches below the surface in rows 3 feet apart and 15 to 20 inches apart in the row.

MALINER KREN. 4 to 6 inch cuttings; doz. 25 cts.; 100 for $1.50, Postpaid.

RHUBARB ROOTS—See page 87.

Tobacco

Culture—Sow seeds for plants early in frames or in outside seed bed after danger of frost is past. Pulverize soil well and mix in wood ashes if available. Sow seeds on surface and press into soil. When plants are 6 inches high transplant into rows 4 feet apart each way and cultivate frequently.

One ounce produces 5000 plants—Sufficient for an acre.

CONNECTICUT SEED LEAF. Desirable cigar variety. Adapted to Northern sections.

HAVANA. Thin leaf of fine texture and delightful flavor. Early.

IMPROVED WHITE BURLEY. Makes fine chewing or pipe tobacco. Heavy yielder.

RED BURLEY. An old favorite with Southern growers.

Any one above: Pkt. 5 cts.; oz. 45 cts.

Mr. John W. Shadley, Hardin Co., Ohio: *"We have been so well satisfied with your seeds that we have not thought of sending anywhere else, and we appreciate your selling the seeds for 5c a packet."*

Mrs. Nellie L. Cahal, Hillsborough Co., Florida: "I *saw some splendid results of your seed in Mr. E. H. Gaines' yard last summer while in Saluda, North Carolina."*

Mr. Albert Schwein, Jackson County, Indiana, writes: *"We've been using Arlington Fancy Curled lettuce in our hot houses for years. It can't be beat."*

Mrs. Harry Snell, Green Co., Pa.: *"Have bought seeds from you before and they were all you claim and more."*

We Pay Transportation. See page 2.

Vitamins a b c G

Asparagus

Calcium Iron Cal. lb. 120

Culture—Sow seed April 1 to 15 in rows 18 inches apart, covering 2 inches deep. When one to two years old, transplant to permanent bed in rows 24 inches apart, placing them 18 inches apart and 8 inches deep. Fertilize heavily in fall and cultivate well in spring. Start cutting the third year. Cultural leaflet sent free on request.

One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce.

Mary Washington. Large, early, rust-resistant variety with deep green, purple tipped, shoots, one inch in diameter. Produces good shoots second year and makes shoots 2 feet long. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Broccoli

Cal. lb. 170

Culture—Sow seed ½ inch deep in May, the same as for late cabbage, and transplant in June or July, 18 inches apart in rows 30 inches apart. Similar to Cauliflower but of a coarser texture and more hardy.

One ounce of seed will sow 100 feet of row. About 2500 plants to an ounce.

Italian Green Sprouting. A new sprouting type with delicious flavor. Forms large center head of bluish green and develops numerous branch heads for later use. Served the same as Cauliflower. 43 days from trans. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.30.

EARLY LARGE WHITE. Medium size, close and compact. 60 days from trans. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.40.

Brussels Sprouts

Cal. lb. 260

Culture—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads, cooked like cauliflower, are a great delicacy. Start seed the same as Cabbage and transplant outside in rows 24 to 30 inches apart, placing plants about 18 inches apart in the row. Cultivate and serve same as Cabbage. Can also sow seed in drills, ½ inch deep, outside in May and transplant.

One ounce sows 200 feet of drill. 200 plants to pkt.

Pride of Denmark. A fine variety, growing about 3 feet tall, 65 days from trans. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

LONG ISLAND IMPROVED DWARF. Very productive. 65 days from trans. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

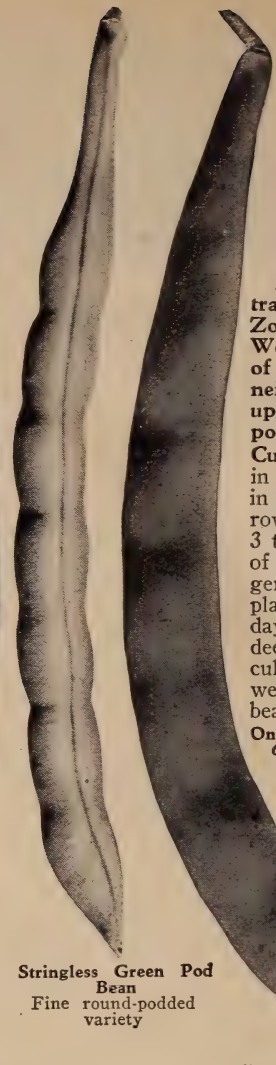
Select Strains
BEANS

Vitamins
a, b, c

Calcium
Iron
Cal. lb., 200

Tendergreen Beans

Full Measure Beans



Stringless Green Pod Bean
Fine round-podded variety

Bountiful Bean
Excellent flat-podded variety; hardy, early, productive and long bearing.

PLEASE READ THIS BEFORE ORDERING BEANS

At these low prices we cannot pay transportation on Beans beyond the 4th Zone unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5 pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5 pound rate.

Culture—Dwarf Beans should be planted in rows 2½ feet apart with 3 or 4 beans in a hill about 10 inches apart in the row. If drilled, they should be placed 3 to 4 inches apart. Cover with 1 inch of soil and press down firmly to aid in germination. For a continuous supply, plant about May 15th and every ten days until August. Do not cultivate deep after blossoms appear and never cultivate or handle when the vines are wet. Pick frequently to insure longer bearing.

One pound will plant a row 100 feet long; 60 to 100 lbs. to an acre. 2 pounds equal 1 quart, 15 pounds 1 peck, 60 pounds 1 bushel.

Mrs. J. Buckholz, Carroll Co., Iowa: *"Your seeds are wonderful—beans can't be beat."*

Mrs. Thos. L. Hornsby, Henry Co., Kentucky: *"Am delighted to be situated again so that I can have a garden grown from your good old reliable seeds which I have used with wonderful success for 25 years."*

Mrs. Howard East, St. Francois Co., Mo.: *"I am very much pleased with my order and assure you of my future orders for seed."*

Green-Podded Dwarf Varieties

Tendergreen. **One of the best varieties for both home and market gardeners.** A new, entirely stringless, round-podded bean that fully justifies its name. The light green pods are 6 to 7 inches long, meaty, tender and fine flavored. Vines are vigorous and very productive. Illustrated on inside back cover. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Full Measure. **Very productive as indicated by its name. Thick pods—finest quality.** The fine stringless green pod is about 6 inches long, straight, round and crease-backed. When dry, the Bean is similar to the Red Valentine and should be used in place of it. 66 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Giant Stringless Green-pod. Very prolific variety — popular for canning. Later than Stringless Green-Pod but has pods fully an inch longer which are round, quite straight, brittle and stringless. 62 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Ask for special quotation on larger quantity of beans.

Stringless Green-pod. **If a round-podded green Bean is preferred, the Stringless Green-Pod is the finest.** A strong-growing, dark green foliage sort, with meaty, brittle, slightly curved high quality pods that simply refuse to get stringy even when old enough to shell. For best results plant in rich soil. Dry Beans, dark brown. 61 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.10; 10 lbs. $1.90.

Bountiful. **One of the best flat-podded or semi-round varieties**—valuable for early shipping. A hardy, early, productive sort that continues to bear a long time. It has beautiful light green, straight, stringless pods, 6 to 7 inches long. Dry Beans are light yellow and may be boiled. Height about 15 inches. 62 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Asgrow Valentine. A stringless Black Valentine. Pods are long, straight, oval and completely stringless. Plants, which resemble Black Valentine, are sturdy and prolific. Becoming very popular. 63 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Mr. Deyo, New York: *"Thank you for your always prompt service"*

Green-Podded Dwarf—Continued

HOPKINS EARLIEST RED VALENTINE. 5 inches long, round, with some string. 60 to 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 70 cts.; 5 lbs. $1.05; 10 lbs. $1.80.

TENNESSEE GREEN-POD. A large, flat-podded variety, having strings, but of good quality. Pod 6 to 7 inches long. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.10; 10 lbs. $1.90.

REFUGEE or 1,000-to-1. Late canning sort; round pods. 82 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 3 lbs. 65 cts.; 5 lbs. 90 cts.; 10 lbs. $1.50.

Wax-Podded Dwarf Varieties

Sure-Crop Wax. **Considered the best semi-round wax bean. Valuable for shipping and market.** A thrifty, hardy variety with long (6 to 7 inch), deep yellow, stringless pods. Less susceptible to rust than others. 70 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Improved Pencil-Pod Black Wax. **Fine for home gardens.** The pods are as round as a pencil, 6 to 7 inches long, clear yellow, and stringless. Plants vigorous and productive. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.

Wardwell's Kidney Wax. **Most handsome of the flat-podded varieties.** Pods are straight, 6 inches long, broad, flat, stringless, and light yellow in color. Somewhat apt to "rust" in wet weather. 61 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

WEBER WAX (Crackerjack Wax). Good as first early. Bright yellow pods 6 to 6½ inches long; fleshy, stringless and brittle. 59 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Unrivaled Wax. **Vigorous, productive sort—almost blight-proof.** Beautiful light yellow pods, 5½ inches long, semi-flat, of fine texture and flavor. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

IMPROVED GOLDEN WAX. An old-timer with 4-inch flat yellow pods. 61 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.15; 10 lbs. $2.00.

Kentucky Wonder

Sure-Crop Wax Beans

Mr. Armin Lesitner Spencer Co., Ind.: *"I would like to have one of your 1936 seed catalogs, as I used some of your garden seeds last summer which my neighbor had purchased from you and was well pleased with the results."*

Shell Beans—For Dry Winter Use

DWARF HORTICULTURAL. (Roman.) 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

ROBUST PEA. (Improved White Navy.) Large Pkt. 10 cts.; ½ lb. 15 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 3 lbs. 65 cts.; 5 lbs. 90 cts.; 10 lbs. $1.45.

WHITE MARROW. Large Pkt. 10c; ½ lb. 15c; lb. 25c; 2 lbs. 45c; 3 lbs. 65c; 5 lbs. 95c; 10 lbs. $1.55.

WHITE KIDNEY. Large Pkt. 10c; ½ lb. 15c; lb. 25c; 2 lbs. 45c; 3 lbs. 65c; 5 lbs. 95c; 10 lbs. $1.55.

RED KIDNEY. Large Pkt. 10c; ½ lb. 15c; lb. 25c; 2 lbs. 45c; 3 lbs. 70c; 5 lbs. $1; 10 lbs. $1.70.

Pole or Running Beans

Culture—The Pole or Running Varieties are tender and should be sown a week later than Bush Beans. They succeed best in sandy loam. Form hills 3 to 4 feet apart; plant three to six Beans in a hill, 1 inch deep; leaving space in center for the pole. When well started, thin to from 2 to 4 plants in the hill.

Two pounds make 100 to 200 hills, according to size of Beans

Kentucky Wonder **or OLD HOMESTEAD.** An old favorite with long, deep saddle-back, stringless pods. Long season; very prolific; best quality. 78 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.10; 10 lbs. $1.90.

Kentucky Wonder Wax. **The best yellow pole bean.** Similar to above, except has light waxy yellow pods. 76 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

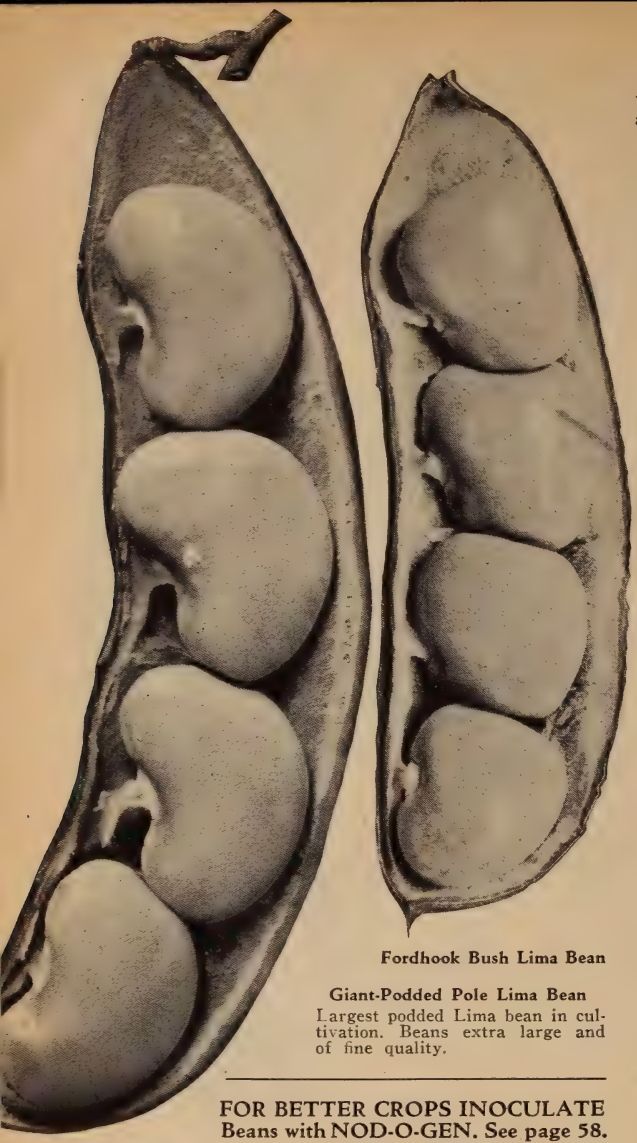
McCaslan Pole. Fine for snaps and dry shell use. Pods 8 inches, medium green, slightly flat. Good quality. 65 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

LAZY WIFE. Medium green, broad, flat 6 inch pods. Stringless. 75 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

IDEAL MARKET. Pods 5 inches long, round, green, and entirely stringless. Very productive. 73 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

SPECKLED CRANBERRY (Bird Egg Bean or Horticultural Pole). Midseason sort. Straight; flat; 5 inch pods. Shell Beans only. 72 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

INOCULATE BEANS WITH NOD-O-GEN—SEE PAGE 58

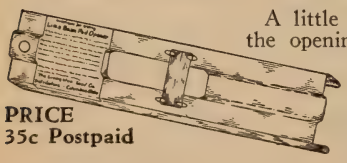


Fordhook Bush Lima Bean

Giant-Podded Pole Lima Bean
Largest podded Lima bean in cultivation. Beans extra large and of fine quality.

FOR BETTER CROPS INOCULATE Beans with NOD-O-GEN. See page 58.

Lima Bean Pod OPENER



A little device that makes the opening of Lima Beans easy and fast and prevents sore fingers. Used by many market gardeners. If you grow many Limas you should add this handy Opener to your order.

PRICE 35c Postpaid

SPECIAL BEAN COLLECTION

GIANT STRINGLESS GREEN-POD
Popular for Canning
SURE-CROP WAX—A Big Yielder
FORDHOOK BUSH LIMA BEAN
The Most Popular
1 pkt. ea. (Value 30c) 25c
1 lb. ea. (Value 95c) 75c

SPECIAL BEET COLLECTION

EARLY WONDER—A Fine Selection
DETROIT DARK RED—Fine for Canning
EDMAND'S BLOOD TURNIP—Best for Table
1 pkt. ea. (val. 15c) 10c 1 oz. ea. (val. 30c) 25c

Vitamins a, b

Lima Beans

Calcium IRON Cal. lb. 595

Culture—Limas are tender and must be planted after all danger of frost is over (Not before May 15). Make rows 2 to 3 feet apart and plant beans on edge with eyes down. Bush limas should be placed every 3 to 4 inches apart in the row; pole limas, 24 to 36 inches apart, placing 2 to 3 beans in each hill. Cover to depth of 2 inches. Cultivate well only when they are dry and up until blossoms appear.

Bush Varieties

One pound will plant 150 feet of row.

Fordhook. **One of the best—outsells all others.** The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use quite early. The Beans are very fat, are closely packed in the pods, shell very easily and remain green a long time. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and contain usually four tender Beans of a delightful flavor. 75 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.35; 10 lbs. $2.40.

Burpee's Improved. This has uniformly larger pods than the original Burpee's Bush Lima and the Beans are thicker and remain green even in the dry stage. The plants are very prolific, bearing pods in clusters of from five to seven, the individual pods averaging 5 inches long and containing up to six Beans. The Beans are thin-skinned and of delightful flavor. 75 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.

New Wonder. The bushes grow about 20 inches high. Pods are smaller than Burpee's Improved; Beans slightly smaller; a few days earlier, and quite productive. A sure cropper. Very true to bush form. 70 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

HENDERSON'S. The Baby Lima. Beans and pods are small; plants, 18 inches tall. Very productive and a sure cropper. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.05.

WOOD'S PROLIFIC. An improved Henderson's Bush Lima, as the Beans are larger and thicker. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Pole Varieties

One pound of medium-sized Lima Beans will plant 150 hills, three Beans to the hill

Early Leviathan. **The earliest large-podded pole Lima.** The pods are 5 to 6 inches in length and often contain five to six large, flat, pale green Beans of excellent quality. Very productive. 80 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

King of the Garden. Vigorous grower, pods containing five to six large Beans, which are of fine quality. The vines grow strong and yield heavily. Very fine variety. 84 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

GIANT-PODDED. The largest podded Lima in cultivation; extremely vigorous in growth; midseason. Pods measure about 7 inches long by 1½ inches broad, are borne in clusters of six to eight; Beans extra large. Illustrated above. 88 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.

Ask for special prices on Beans in larger quantities.

Don't Let the "Mexican Bean Beetles" Take Your Crop
Use "Hammond's Slug Shot" or Red Arrow. See Insecticides, page 15.

Livingston's Table BEETS

Vitamins a, b, c, g

Calcium
Iron
Cal. lb. 205

Crosby's Improved Egyptian Beet

Detroit Dark Red Beet

Culture—The soil best suited for the culture of the Beet is that which is rather light, well fertilized. If wanted very early, sow in hotbeds and transplant; but for main crop sow in April, as soon as the ground becomes fit to work, in drills 1½ feet apart, ½ inch deep. For succession later sowings can be made up to August. For winter use, the turnip varieties may be sown as late as June and the seed covered 2 inches. When the plants are 3 to 4 inches in height, thin out so that they stand 2 to 3 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits same as potatoes. Dry earth thrown over them before the straw is put on insures their keeping over winter.

Special Beet COLLECTION on opposite page

One ounce of seed will sow 50 feet of drill; 5 to 6 lbs. to the acre

Detroit Dark Red. **The most popular red turnip beet,** not only for market gardeners but for home garden use, especially for canning. The tops are small, uniform, upright in growth, with deep red veins; roots are globular, smooth and very uniform in shape, color and quality; flesh is deep, bright red, zoned darker. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Perfected Detroit. **Received Award of Merit, All-America Selections, 1934.** Superior to any variety yet introduced. Comes 90% true to exactly the same shade of dark red color and does not show any white rings. Tops are medium and their close, compact attachment leaves a larger portion of the root edible. Roots are globular, very smooth and uniform. Excellent for canning and market use. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.

Early Wonder. A fine selection from Crosby's Egyptian, being a little smaller in size. Averages more full on the bottom and comes a little earlier. It is a turnip-shaped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color, more uniform than Crosby, and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts, thereby increasing yield. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Crosby's Improved Egyptian. A very early, superior variety. Has few small tops and very small tap-root. Takes on its turnip shape in early stages of growth, making it much preferred for both first early crop and late sowing. Skin is dark red; flesh somewhat lighter. After boiling, it has a uniform bright red color and a delicious flavor. 45 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

EXTRA-EARLY DARK RED EGYPTIAN. Not quite as early as Crosby's Egyptian and more flattened. Dark blood-red, medium size, tender and sweet. Good for forcing. 46 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

EARLY ECLIPSE. Small tops, bright, deep red roots, slightly top-shaped. A good old sort but being displaced by Detroit Dark Red. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

CRIMSON GLOBE. Late main-crop variety. Medium, globe-shaped, deep red. 54 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

EDMAND'S BLOOD TURNIP. Second-early sort. Root smooth, round, dark red and very uniform. Among the best for table use. 57 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

DEWING'S IMPROVED BLOOD TURNIP. Main-crop variety. Sow late for winter storage. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Beets for Stock Feeding

Culture—Sow from April to July in rows 15 to 18 inches apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart.

Mangel-Wurzels

MAMMOTH LONG RED. Large, dark red. Big cropper. Dairymen's favorite. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50; 10 lbs. $4.75.

GOLDEN TANKARD. Yellow; tops and neck small; productive; relished by sheep and cows. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50; 10 lbs. $4.75.

Golden Giant Intermediate. (Yellow Leviathan.) White flesh. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

Sugar Beets

KLEIN WANZLEBEN. Greatest milk-producer. Rich in sugar. Yield almost equal to mangels. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

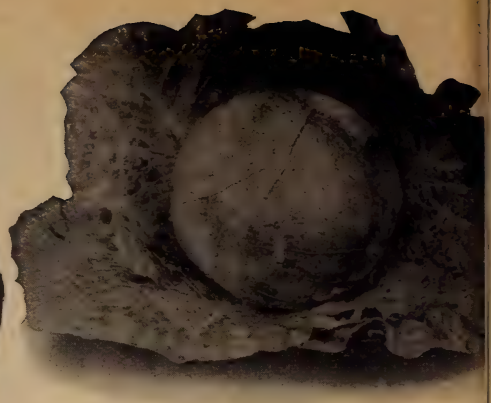
GIANT HALF-SUGAR ROSE. Heavy yielder. Roots grow partly out of ground. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

GIANT HALF-SUGAR WHITE. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

Ask for prices on large lots of both Mangels and Sugar Beets

Special Strain Golden Acre

The illustration at left is a row of our Special Strain Golden Acre from a market gardener's field at Lancaster, Ohio. This planting was producing marketable heads in early June. This picture was taken June 17th.



Copenhagen Market Cabbage

Vitamins
a b C g

Livingston's

Culture.—Cabbage does best in rich, mellow, well fertilized soil. For early, sow seed inside in a box or in hot-bed in late February or early March. Transplant into other boxes later and harden off by gradual exposure outside. Transplant outside in April in rows 2 feet apart and 1½ feet in the row. Set plants down to the first leaf; do not cover the heart with soil. Cultivate often and deeply. For later Cabbage, sow seed outside in May; transplant in about four weeks. Maturities are from date of transplanting.

One ounce of seed produces about 2,500 plants; 4 ounces to an acre

Early Varieties

Copenhagen Market. **Early, large, round-headed strain.** Heads averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness makes it one of the most popular early Cabbages. 66 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00; lb. $2.75.

Marion Market. **(Copenhagen Yellows-resistant.)** Same type as above. If you are unable to grow a satisfactory crop because of this disease, we recommend this variety. 69 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Golden Acre. **Earliest Standard Strain.** Comes from Denmark. Round, firm, uniform, medium sized heads with small outer leaves, permitting closer planting than ordinary. Being hardy, it will stand a long time without bursting. 55 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.30; lb. $3.60.

Yellows-Resistant Golden Acre. A yellows-resistant strain of our Golden Acre above. Same type and habits. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

Special Strain Golden Acre. **A week ahead of any other cabbage.** Exceedingly uniform. Comes direct from our Denmark grower. Recommended to growers wanting the best. Pkt. 10 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 60 cts.; ¼ lb. $1.85; lb. $6.50.

Early Jersey Wakefield. Good early variety. Pyramidal in shape, with blunted peak; very sweet. Large heads for an early sort. 62 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

LARGE CHARLESTON WAKEFIELD. A selection from above. Grows larger heads, often 8 to 10 pounds. 66 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

Second Early Varieties

Glory of Enkhuizen. Larger than Copenhagen Market, and quite round. A long-keeping sort. Dwarf and compact, allowing of close planting. 72 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 90 cts.; lb. $2.60.

GLOBE (Yellows-resistant Enkhuizen). Same as Glory of Enkhuizen in type and maturity, but has an unusually short core. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

All-Seasons. **(Vandergaw.)** Withstands hot sun and dry weather. Heads are large, round and solid, keeping as well as the winter sorts. Does not head all at once. 76 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

YELLOWS-RESISTANT ALL-SEASONS. 85 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

EARLY SUMMER. An old standard. Heads large and flattened. 78 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

Allhead Early. Deep, flat, solid head, uniform in size, shape and color. Very compact and may be planted closely. 70 days. Pkt. 5 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

YELLOWS-RESISTANT ALLHEAD EARLY. 73 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

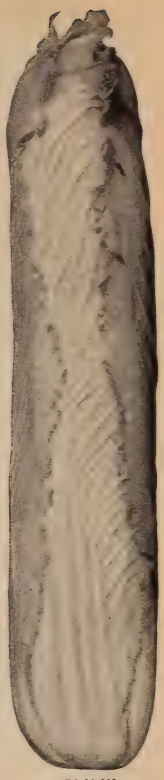
EARLY DWARF FLAT DUTCH. Large, round, solid, flattened heads; resists heat. 76 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

EARLY WINNIGSTADT. Heads decidedly conical. Solid, even in summer; almost worm-proof. A sure header. 72 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

SUCCESSION. Large, sure header; short outer leaves. 76 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

Danish Ballhead Short-Stem Cabbage

Livingston's Premium Flat Dutch Cabbage



Chihili Chinese Cabbage

Quality Cabbage

Late Varieties

Livingston's Premium Flat Dutch. **The main crop late variety.** Because of its solidity and compact manner of growth it is a heavy yielder. The heads are large, white, crisp, tender, and sure to head. Grown largely for late market and kraut-making in the autumn. 85 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

Danish Ballhead Short-Stem. **(Hollander, Dutch Winter.)** **Most popular of all the late ballhead types.** Well known for its solidity, being very compact with medium core, weight and superb keeping qualities. Fine for storage. Seed from one of best Danish growers. See illustration above. 83 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.10; lb. $3.25.

Yellows-Resistant Wisconsin Ballhead. A new development answering the demand for a resistant variety which matures earlier and is not so coarse as Hollander. Comes 80% to 100% resistant and very uniform. Excellent for marketing, shipping and storage purposes. 91 days. Pkt. 5 cts.; ¼ oz. 25 cts. (No larger quantities available. Crop very short.)

YELLOWS-RESISTANT HOLLANDER No. 8. A strain of Danish Ballhead which is resistant to "Yellows." 91 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

THE VOLGA. Round, uniform heads measuring up to 12 inches in diameter. Very solid; color white; extremely hardy. 91 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 70 cts.; lb. $1.85.

LIVINGSTON'S AMERICAN BALLHEAD. Name is self descriptive. Comes from an American grower of long-standing. 85 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.10; lb. $3.25.

SUREHEAD. Large, round flattened head with few loose leaves. Good keeper. Late home garden sort. 86 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

Mr. R. J. Kasmaier, Tuscarawas County, Ohio: *"I grew cabbage from your seed with great success."*

Mr. George T. Robinson, Aroostook County, Maryland: *"I tried out your all-head Early Resistant Cabbage a few years ago and I found it did not have any yellows at all and was the best cabbage I ever used."*

Mrs. James H. Keefer, Dauphin County, Pennsylvania: *"I raised Golden Acre cabbage last year from your seed and it was fine. Earlier than Jersey Wakefield."*

Calcium
Iron
Cal. lb. 130

Red Cabbage

Danish Ironball. **As round as a ball and as** hard as iron. Heads grow to large size, averaging 8 ins. in diameter, of rich color throughout. Highly recommended if you like red cabbage. 80 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1; lb. $2.90.

RED HOLLANDER, YELLOWS-RESISTANT. Resistant variety of Danish Ironball. 84 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.80; lb. $6.

MAMMOTH ROCK RED. Large heads, deep red to center. 84 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00; lb. $3.

Chinese Cabbage

Also known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc.

Fine crop for muck land. Has fine delicate flavor; excellent for salads, cole slaw and when cooked. Cannot be grown successfully as a spring crop as it bolts to seed, neither can it be transplanted well. Sow seed ½ inch deep in July in rows 2½ feet apart and thin to stand 12 inches apart in the row. Use care in cultivating.

CHIHILI. Early and sure heading. This variety runs very true to type. Length of head is about 16 inches. Outer leaves dark bluish green, while the inside is creamy white and of fine quality. See illustration above. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00; lb. $2.75.

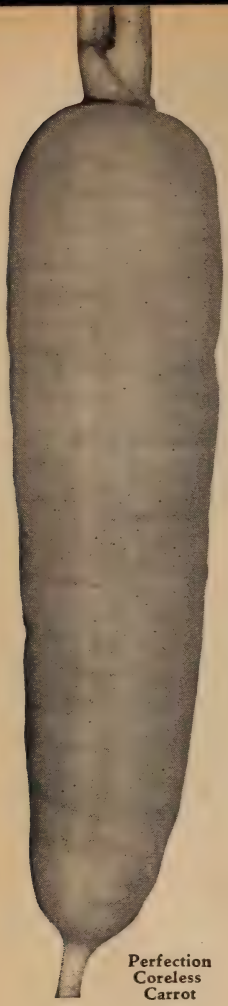
WONG BOK. Heads are short and heavy. Beautifully curled leaves of fine quality. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00; lb. $2.60.

Savoy Cabbage

IMPROVED AMERICAN SAVOY. **(Perfection D. H.)** Finely curled, large head on short stalk; keeps well. 84 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.25.

SMALL EARLY SAVOY. Best early. Heads firm, solid, beautifully crimped; finest quality. 73 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. 85 cts.; lb. $2.50.

Mrs. Carrie Nelson, Coshocton Co., Ohio: *"I want you to know the only nice cabbage I ever raised was from your Yellow Resistant cabbage."*



Perfection Coreless Carrot

Cauliflower

Vitamins a, b, c, g

Calcium
Iron
Cal. lb. 140

Culture. — Cauliflower delights in a rich, moist soil and cool conditions. Sow the seed in the hotbed in February or March and transplant the plants 2 to 3 inches apart in boxes, or in another hotbed, until such time as they may safely be planted in the open ground. For fall crop, sow seed in June. Set the plants in the field 30 inches by 18 inches apart. When heading tie the outside leaves loosely over the head to protect it from the sun.

One ounce will produce 3,000 plants

Super Snowball Cauliflower

Livingston's Earliest. **The earliest variety we offer.** Fine for fall crop; unexcelled for wintering in cold frame for early crop. Uniform heads of fine texture. Our Danish grower spares no expense with this stock. 52 days from trans. Pkt. 15 cts.; ¼ oz. 60 cts.; ½ oz. $1.00; oz. $1.90; ¼ lb. $6.75.

Snowdrift. **New market garden variety. Heads under adverse conditions.** Deep, pure white. Resists fuzziness and free from curd-leaflets. More fully described on page 7. Pkt. 15 cts.; ¼ oz. 70 cts.; ½ oz. $1.25; oz. $2.25; ¼ lb. $8.25.

Dry Weather. **Best for high, dry localities.** Large, heavy, pure white variety with large leaves. 60 days from trans. Pkt. 10 cts.; ¼ oz. 45 cts.; ½ oz. 85 cts.; oz. $1.60.

Henderson's Early Snowball. Heads of medium size, compact, and very white. Has few short, upright leaves. A very sure header. 55 days from trans. Pkt. 10 cts.; ¼ oz. 45 cts.; ½ oz. 85 cts.; oz. $1.60.

Super Snowball. Super strain. Very compact, therefore heavier than above. Same maturity. Pkt. 15c; ¼ oz. 70c; ½ oz. $1.20; oz. $2.15; ¼ lb. $7.75.

Carrots

Vitamins A, b, c, g

Calcium
Iron
Cal. lb. 205

Culture.—Sow in early spring as soon as the ground can be worked, in drills 15 to 18 inches apart, finally thinning the plants to 2 to 3 inches apart. Do not allow growth to be checked; water, if necessary. If sown early on moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop lost. Successive sowings can be made up to July.

One ounce sows 100 feet of drill; 4 pounds sow one acre

Imperator. **Award of Merit, All-America Selections, 1933.** Tops just right for market and shipping. Fine variety for home use. Sloping shoulders and semi-blunt end; 7 to 8 inches long; rich orange color with indistinct core. 77 days. Pkt. 5c.; ½ oz. 10c.; oz. 15c.; ¼ lb. 35c.; lb. $1.15.

Morse's Bunching. **Gold Medal Winner, All-America Selections, 1934.** Developed as a market bunching Carrot, for which it is ideal, but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color, deep orange. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Improved Chantenay. 6 inches long, thick through, decidedly stump-rooted. Between Danvers and Oxheart in size. Deep orange-red; fine-grained. Smooth, shapely roots; very early. 69 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

CHANTENAY, LONG TYPE. Same as above except about an inch longer. 69 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Red-Cored Chantenay. **NEW.** A true Chantenay but has uniform deep orange-red color throughout making it appear coreless. 69 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

Perfection Coreless. **Best so-called coreless variety;** deep orange throughout. 7 to 8 inches long, very smooth and cylindrical, being practically same size from crown to bottom. A home garden and fall crop variety. 78 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Improved Danvers. **(Half-Long.)** The best for general crop purposes. Productive in and adaptable to all classes of soil. Tops medium size, roots deep orange, medium length, tapering to a blunt point. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Nantes Half-Long. Early, fine-grained, sweet variety. It is almost coreless and of medium size, being about 6 inches long. 70 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35c.; lb. $1.15.

OXHEART. Early; intermediate in length and diameter. Adapted to shallow soils. 74 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

IMPROVED LONG ORANGE. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Celery

Michigan Golden Celery

Vitamins a, b, c — Calcium, Iron, Cal. lb. 205

One ounce will produce 4,000 plants, 10 to 12 ounces to an acre

Cultural leaflet on request.

Michigan Golden. **New self-blanching strain—highly resistant to Fusarium Yellows.** Type is intermediate between Golden Plume and Golden self-blanching. Stalks longer than Golden Plume. Highly recommended in sections where "Yellows" is prevalent but should not be used where other good standard varieties are successful. Pkt., 10 cts.; ¼ oz., 50 cts.; ½ oz., 80 cts.; oz., $1.50; ¼ lb., $5.50.

Golden Plume. **One of the best first earlies** — resists blight and rust to remarkable degree; keeps a long time. Beautiful golden color and rich, nutty flavor. In outside sowings the soil should be fine and well firmed. Pkt., 5 cts.; ¼ oz., 40 cts.; ½ oz., 60 cts.; oz., $1.00; ¼ lb., $3.00.

Fordhook. One of the finest fall and winter varieties in existence. Plants are stocky, solid and compact, about 15 to 18 inches tall and are easily blanched. Stalks are pure silvery white. Good keeping variety. Pkt., 5 cts.; ¼ oz., 30 cts.; ½ oz., 45 cts.; oz., 75 cts.; ¼ lb., $2.25; lb., $8.00.

Golden Phenomenal. **(New.)** Similar to Golden Plume, but taller. It is 27 to 28 inches and 8 to 9 inches to the first joint. The season is the same as Golden Plume. Plants heavy and compact, full hearted, and not inclined to be sprangly; stems broad, thick, brittle, free from strings, of fine flavor and excellent quality. Pkt., 10 cts.; ¼ oz., 40 cts.; ½ oz., 65 cts.; oz., $1.10; ¼ lb., $3.25.

Golden Plume Celery
One of the best first earlies

Golden Self-Blanching. Of French origin. Heavy, compact plants that grow to good size. It is very tender, solid, crisp, heart large, of excellent quality and beautiful golden color.

DWARF STRAIN. Best for fall and early winter use. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.

TALL STRAIN. From one of the most careful growers. **New Strain.** Early. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Easy-Blanching. Blanches easily and quickly—especially suitable for home gardeners. A strong grower with white, brittle stalks of excellent quality. Adaptable to both early and winter storage use. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

Giant Pascal. Local market money-maker—very desirable winter keeper. Forms solid, crisp stalks of rich, nutty flavor. Strong grower, blanching easily to rich, creamy white. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb. $4.75.

Livingston's Selected Giant Pascal. **Our own selection and growing** of a select strain of Giant Pascal which is entirely free from "hollow stalk" a feature of great importance to the market gardener. Pkt., 10 cts.; ¼ oz., 70 cts.; ½ oz., $1.25; oz., $2.25; ¼ lb., $9.00.

COLUMBIA. Early-maturing; almost round stalks of medium height. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.25.

EMPEROR. A distinct dwarf type about 15 inches tall; easily blanched. Stalks white with heart tinged yellow. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb., $4.75.

White Plume. Adapted to fall and early winter use. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.15.

Celeriac

(Turnip-Rooted Celery)

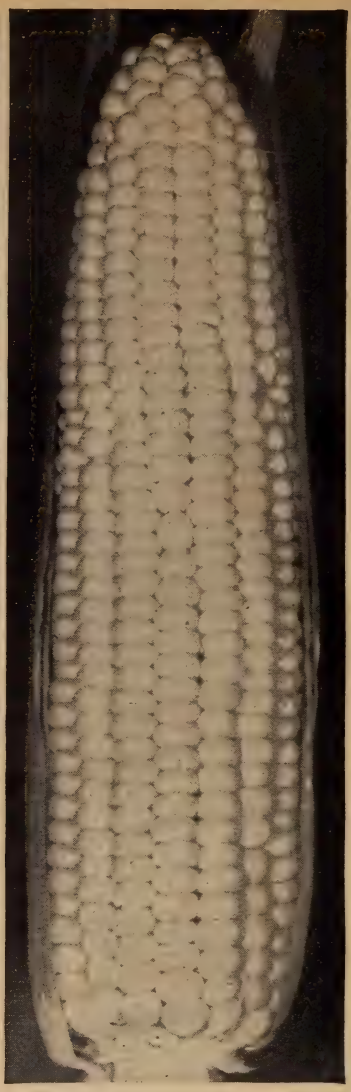
Sow the seed same as for Celery. Transplant into rows 18 inches apart and 6 to 8 inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as salad.

GIANT SMOOTH PRAGUE. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

Keep a supply of these seeds on hand for successive plantings: Beans, Beets, Lettuce, Radish, Spinach, Kale, Turnips, Endive.

J. L. Greenwood, Brockville, Ont.: *"The Golden Plume Celery seed we had from you last season gave us good results. We hope to be as fortunate this year."*
Maurice Nance, Muskogee Co., Okla.: *"Have had splendid results with your garden seeds in the past."*

Stowell's Evergreen Corn



Whipple's Early White Corn
An excellent early variety for market and home gardens

Livingston's Quality Sweet CORN

Vitamins a, b, c

Iron
Cal. lb.
510

PLEASE READ THIS

At these low prices we cannot pay transportation on Corn beyond the 4th zone, unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5-pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5-pound rate.

White Varieties

Whipple's Early White.

One of the best for early market and home gardens. Large Evergreen type, but comes only a week later than the small extra-early sorts. Ears 8 to 9 inches long, 16 to 18 rowed; pearly white, sweet grains. See illustration at the left. 79 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

Stowell's Evergreen.

Considered the best late white variety. Favorite with canners, market gardeners and especially home gardeners for late use. Ears are 8 to 9 inches long with deep kernels of most delicious sweetness. 92 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Livingston's Broad-Grained.

A Livingston selection; extra broad, deep grains. We highly recommend it for uniformity and quality. Ears are 8 rowed and 8 to 10 inches long. 80 days. Large Pkt. 10c; ½ lb. 15c; lb. 25c; 2 lbs. 45c; 3 lbs. 70c; 5 lbs. $1.00; 10 lbs. $1.70.

Country Gentleman.

One of the richest flavored of all the late varieties. The plump, pearly white kernels, placed irregularly on the cob, are of great depth. Ears average 7 inches long by 2 inches in diameter. 96 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 80c; 5 lbs. $1.25; 10 lbs. $2.20.

Howling Mob.

Medium-early white Sweet Corn. Ears are 7 to 8 inches long with 12 to 14 rows of pure white grains. 80 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.10; 10 lbs. $1.90.

KENDEL'S EARLY GIANT. 8 to 9 inch ears with 10 or more rows of plump kernels. 80 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 70c; 5 lbs. $1.05; 10 lbs. $1.80.

EARLY EVERGREEN. Ears about 7 inches long, 16 to 18 rows of grains. 87 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.15; 10 lbs. $2.00.

Livingston's Early Sugar.

Very distinct and very valuable addition to the early varieties. Compared with other earlies it has larger ears with more even, well-filled rows. 8 inches long with 10 to 12 rows of deep, broad, sweet kernels. 60 percent of stalks carry 2 well-developed ears. Remarkably strong husks, providing protection from insects; almost sucker free. 80 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.05; 10 lbs. $1.80.

Gill's Early Market.

The very earliest white Sweet Corn for market. Stalks are about 3½ feet high with ears set close to the ground. Ears 6 to 7 inches long, rather blocky in form, of good size, with white cob and grain of good quality. 69 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 70c; 5 lbs. $1.05; 10 lbs. $1.80.

Columbus Market.

One of the best main crop varieties. Endures dry weather on account of its broad, dark green leaves. Ears, often 10 inches long, carry 16 rows of large, deep, sweet grains. Stalk is very strong, of medium height. Very desirable for home gardens. 85 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 70c; 5 lbs. $1.05; 10 lbs. $1.80.

Russell Stromberg, Chisago Co., Minn.: *"I was well pleased with the quick service you gave last year both on my early and late order. Your seeds gave excellent results. The leaflets which you provided also proved interesting and helpful."*

MEN'S GARDEN GLOVES
Dirt-Proof, Durable, Washable
Add a pair to your order—See page 17

Culture.—Corn should not be planted until May, or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July, in hills 2 by 3 feet apart for the early kinds, and 3 by 3 feet for the large late sorts, using four or five grains to the hill. Cover seed 1 inch. Give frequent and thorough cultivation all the season. Do not plant in a single row and for good white or yellow ears do not plant both kinds close together.

One pound plants 300 feet of row. 12 to 16 pounds to an acre. 1½ pounds equals 1 quart, 12 pounds a peck, 48 pounds a bushel.

New Hybrid Varieties

Kingscrost 12 Row Bantam. **This is one of the outstanding Stewart's Wilt-Resistant hybrid crosses recently developed.** It is similar in plant characteristics to Golden Cross but is a WEEK EARLIER. It is fully as uniform and vigorous. Many of the canners and gardeners are now planting this hybrid and we suggest that others make trial plantings. 12 rowed; length of ear, 7 to 8 inches; height of stalk, 6 to 6½ feet; planting to eating stage, 82 days. Large pkt. 15 cts.; ½ lb. 25 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 3 lbs. $1; 5 lbs. $1.65; 10 lbs. $3.

KINGSCROST (Original Strain) See page 9.

Golden Cross Bantam. **New Stewart's Wilt-Resistant Hybrid. Produces marked increase in yield and surprisingly uniform stalks and ears.** Sturdy stalks and broad, green leaves that withstand adverse conditions. Ears are 7½ to 8 inches long, with 10 to 14 rows of highest quality golden yellow kernels. Illustrated in color on inside back cover. Do not save seed. 88 days. Large Pkt. 15 cts.; ½ lb. 35 cts.; lb. 60 cts.; 2 lbs. $1.05; 3 lbs. $1.45; 5 lbs. $2.35; 10 lbs. $4.40.

Golden Bantam Corn
One of the most delicious of all Sweet Corns. The standard of quality.

Whipple's Early Yellow Corn

Yellow or Golden Varieties

Golden Evergreen. **A Golden Evergreen.** Just right to follow first earlies, and prolong the season. Has the good qualities of Golden Bantam combined with those of the Evergreen. Color a rich golden yellow. Ears about 8 inches long and 2 inches thick. 90 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 80c; 5 lbs. $1.20; 10 lbs. $2.10.

Golden Bantam. **The standard for high quality in Sweet Corn.** Ears are about 6 inches long, 8-rowed, filled with broad, sweet, golden yellow kernels. 78 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.15; 10 lbs. $2.00.

Golden Sunshine. **Especially valuable for its extreme earliness;** a week ahead of Golden Bantam. Ears are 7 inches long with 12-rowed, deep yellow, delicious grains. Stalks grow about 5 feet tall. 74 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 80c; 5 lbs. $1.20; 10 lbs. $2.10.

Whipple's Early Yellow. Best large, early, yellow variety. Double the size of Golden Bantam, and only a few days later. Ears 8 inches long, with 12 to 16 rows of large kernels. 80 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 75c; 5 lbs. $1.15; 10 lbs. $2.00.

BARDEN'S WONDER BANTAM. Same type and season as Golden Bantam, but has longer ears. 80 days. Large Pkt. 10c; ½ lb. 20c; lb. 30c; 2 lbs. 55c; 3 lbs. 80c; 5 lbs. $1.20; 10 lbs. $2.10.

Disinfect Sweet Corn with SEMESAN JR.
Costs 2½c an acre; returns 2 to 12 bushels more per acre.
See page 15.

Pop Corn

Culture—Same as field corn. Allow it to become thoroughly ripe before cutting.

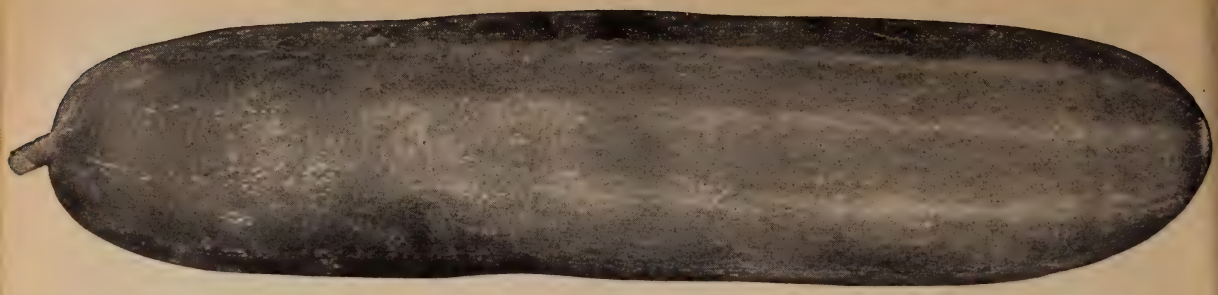
One packet plants 100 feet of row.
4 pounds to an acre.

Japanese Hulless (Tom Thumb). A heavy yielder of short, thick, uniform ears. Pops out a very large, pure white grain, and is of delicious quality. Very tender, but it retains its shape very well. Dwarf-growing. Pkt. 10 cts.; ½ lb. 15 cts.; lb. 25 cts.; 3 lbs. 60 cts.; 5 lbs. 90 cts.

WHITE RICE. Very productive, excellent quality; very crisp and delicious. Pkt. 10 cts.; ½ lb. 15 cts.; lb. 25 cts.; 3 lbs. 60 cts.; 5 lbs. 90 cts.

SOUTH AMERICAN or Dynamite. New, large, golden pop corn. The kernels, when popped, make extra large, tender, creamy white pop corn of finest quality. Large ears with 12 to 16 rows of grains. Matures late. Pkt. 10 cts.; ½ lb. 15 cts.; lb. 25 cts.; 3 lbs. 60 cts.; 5 lbs. 90 cts.

Livingston's Quality Lawn Seed Complete Listing on Page 5



Straight "8" Cucumber
A Gold Medal variety. A vigorous, productive sort. Well worth your serious consideration.

Vitamins
b c

Livingston's Quality

Straight "8". **Gold Medal, All-America Selections, 1935.** Under good conditions this new variety typifies its name, running quite straight, regularly eight inches long and about 2 inches in diameter. It is rounded at ends, nearly ideal dark green and almost devoid of objectionable stripings and pale tips. Vines are vigorous and productive. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Longfellow. **Ideal type for private garden or as a "straight pack" variety for shipping.** Equally desirable for both greenhouse and outdoor culture. Holds color well after picking. A long, slender, dark green variety, 12 to 14 inches long by 2½ inches diameter. Good, healthy, productive grower; fairly early. 74 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Livingston's Colorite. A White Spine type. Its rich, dark green color extends well down to the blossom end. Straight and cylindrical, with medium blunt ends. Length averages 10 inches. Excellent for home use and a good shipper. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Special Cucumber Collection

DAVIS PERFECT	1 pkt. Ea. (Value 15c) 10c
GREEN PROLIFIC	1 oz. Ea. (Value 45c) 35c
KLONDIKE	

Culture—As soon as the weather has become settled and warm (about May 15), plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover ½ inch deep, smoothing the hill off with the hoe. Later, thin to 3 or 4 plants to a hill. For pickles, plant from June 1 to August 1. The fruit should be gathered when large enough for pickling, whether required for use or not; if left to ripen on the vines, it destroys their productiveness.

One ounce of seed will plant about 50 hills; 2 to 3 pounds to the acre

Livingston's Extra-Early White Spine. **The most thoroughbred, uniform and shapely variety of White Spine known, not only for first early, but for general crop as well.** Vines are vigorous growers. The very best for slicing, and makes choice pickles. A great bearer and keeps green much longer than the yellow varieties. 60 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Arlington White Spine. An early and very productive Cucumber. Fruit quite uniform, about 7 inches long and well rounded at both ends, of bright green color. Used for early slicing and when planted late it produces good pickles. 63 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

A. F. Gratigny, Pasco Co., Florida: *"I always grow your Globe tomato in my garden for I consider it superior to all other sorts."*

Feeny Dust Gun. Best duster we have ever sold. See Page 17.

Chicory for Salads

Culture—Sow seed ¼ inch deep in June in open ground, in rows 12 to 14 inches apart, keeping free from weeds; water if necessary. Take up the roots in November and cut off top to about 2¼ inches from the neck and shorten lower end to a uniform length of 8 to 10 inches. Prepare a trench 16 to 18 inches deep and place roots upright, 1½ inches apart. Fill in level with good, light soil and by covering with 1½ feet of manure any portion may be forced as needed. In four to five weeks the heads will be ready for use. The blanched head is the edible portion and is generally eaten raw as a salad.

One ounce will sow 100 feet of row. 4 pounds to an acre

WITLOOF (French Endive). High-grade general stock. Pkt. 5 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.

Corn Salad or Fetticus

A vegetable used as a salad. Sow at the first opening of spring for summer use in rows 1 foot apart, and it is fit for use in six to eight weeks.

One ounce will sow 100 feet of row

LARGE-LEAVED. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Cress (Pepper Grass)

One ounce will sow 100 feet of drill

EXTRA-CURLED. A well-known and very agreeable pungent salad; can be used alone or with lettuce. Requires to be sown thickly, at frequent intervals, covering very lightly, to keep up a succession, as it soon runs to seed. May be cut two or three times. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

TRUE WATER. Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams. Has a pleasant, pungent flavor. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 20 cts.; oz. 35 cts.; ¼ lb. $1.00; lb. $3.50.

UPLAND. Hardy perennial; stays green nearly whole year; ready for use before any other salad. Sow in April in rows 1 foot apart. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Vitamins
A b c g

Collards

CALCIUM
IRON
Cal. lb. 225

A plant of the cabbage family and cultivated in the same manner. It is well adapted to the South, enduring extreme heat; excellent for greens.

One ounce will sow 100 feet of row

TRUE SOUTHERN or GEORGIA. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Mr. Elrod, Iowa: *"My first order went to you 42 years ago"*

Early Fortune Cucumber. Early, productive White Spine type. Holds color well, making an excellent slicing variety.

Cucumbers and Pickles

Calcium
Iron
Cal. lb. 65

Early Fortune. Strong growing, early, productive White Spine type. The fruit is of uniform size and shape and is of very firm texture, thus permitting long-distance shipping. Popular in South. The skin, which is dark green, holds its color remarkably well and therefore remains in slicing condition longer than some of the other standard sorts. 66 to 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Davis Perfect. A fine dark green slicing variety which retains its color long after picking. The size and shape are ideal; 9 to 11 inches long; 2½ inches thick; tapering at both ends. Has few seeds which are so small and tender they are hardly noticeable. 68 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Livingston's Evergreen Pickling. *Introduced by us in* 1890. **Generally admitted to possess every qualification required in a perfect pickling Cucumber.** Exceptionally productive. It is a very strong grower, and bears firm, crisp, evergreen fruits, which are excellent for slicing. 65 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

EXTRA-LONG or EVERGREEN WHITE SPINE. Averages longer than other strains. Extra-fine shape and quality; makes a good pickle; may be grown under glass. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

See Vegetable Novelties on pages 6 to 9

Green Prolific or BOSTON PICKLING. Of uniform growth, seldom too large for pickling; produces fine, short blunt ended, green pickles, and is immensely productive. 53 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Improved Long Green. The vines are very strong-growing and productive. The fruits are quite long, averaging 8 to 10 inches in length, and dark green in color. This good old sort is very popular both as a slicer and for pickles. 72 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.60.

EARLY GREEN CLUSTER. The small, short prickly pickles are borne in great profusion in clusters of two and three. Fine for bottling. 53 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

WESTERFIELD CHICAGO PICKLING. A deep green pickle of medium length, slightly pointed at ends. 53 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

GHERKINS. Used only for pickles. Fruits small, oval, about 2 by 1¼ inches, covered with spines; color light green. 80 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

KLONDIKE. Excellent strain of White Spine, remarkable for its uniformly dark green color. Popular with southern planters. 66 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Five pages of Tomatoes—pages 10 to 14

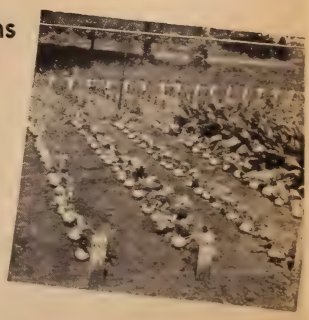
Livingston's Serial Picture Story

Continued from page 59

Vegetable Seed Operations at "True Blue" Farms

Operations such as shown here have been going on at "True Blue" farms since the year 1850. Trials of various strains of a variety are tried beside each other where their merits and faults can be directly compared. Literally, this is a never-ending competitive contest with us—old strains showing weakness being discarded and new strains with meritorious features being accepted.

The first picture below at left shows Tomato seed harvesting operations at one of our mills. We grow and harvest all tomato seeds of our own introduction. The third picture shows a crop of Select Giant Pascal Celery maturing seed. In the picture below at right a crop of a new bean is being harvested.



Continued on page 83

Black Beauty Eggplant

Vitamins a, b, c

Eggplant

Iron Cal. lb. 130

Culture—Sow seed ¼ to ½ inch deep in hotbed or window box in late March. Temperature should be about 75 degrees. When large enough to handle transplant to other boxes; keep covered and warm, and occasionally water. Harden plants by gradual exposure to sun and air. Transplant outside in late May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high draw earth up to the stem.

One ounce of seed produces about 1,500 plants

Livingston's Mammoth Purple. **Quite early, sure cropper and entirely spineless.** A splendid strain of New York Improved Large Purple. The plants are large, vigorous, and very productive. Fruit is uniform in color and shape, very large—usually 6 to 8 inches in diameter, sometimes larger; skin a handsome dark purple, smooth and glossy; flesh white, of superior quality. 130 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

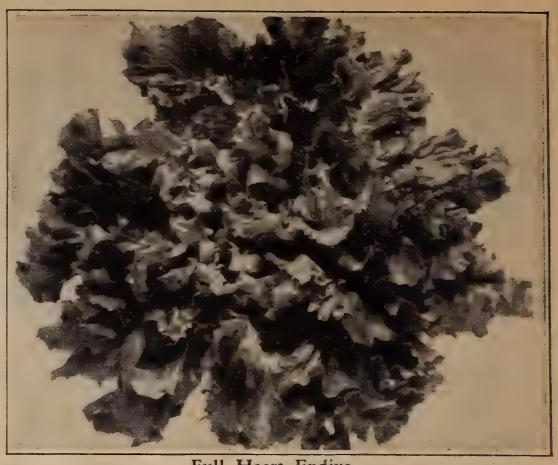
Black Beauty. Earlier than the purple varieties; well adapted to Northern growing. Fruit rich, lustrous, purplish black color. A distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits that are very attractive and of the best quality. Entirely spineless. 120 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

NEW YORK IMPROVED LARGE PURPLE. Fruit very large, oval, smooth, deep purple, flesh white and of good quality. Similar to Livingston's Mammoth. 130 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Garlic Sets

Cal. lb. 450

Plant in April in rows 1 foot apart, placing sets 4 inches apart in the row, 1 inch deep. When tops die take up the bulbs and dry in a shady place. Garlic is used for flavoring purposes. Bulbs, oz. 5 cts.; ¼ lb. 15 cts.; lb. 35 cts.; 5 lbs. $1.50.



Full Heart Endive

Vitamins a, c

Endive

Cal. lb. 110

Culture—For an early crop, sow in April in rows 15 inches apart, cover ½ inch, and later thin the plants to stand 1 foot apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch the heart. Tie a few at a time as needed.

One ounce of seed will sow 150 feet of drill

"Full Heart" Batavian. **Award of Merit, All-America Selections, 1934.** New Special Strain of fine quality. Large, thick, dark green leaves, slightly wrinkled. Forms a large head with a full heart which easily blanches to a beautiful light yellow. Earlier than and superior to Broad-leaved Batavian. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

BROAD-LEAVED BATAVIAN. The broad, thick, slightly wrinkled leaves form very large heads, which are much used in soups. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Large Green Curled. A hardy, vigorous-growing variety with bright, deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to rich creamy white. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

FINE GREEN CURLED. A hardy variety with deep green leaves, beautifully cut and curled, easily blanched. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Vitamins a, c

Dandelion

Cal. lb. 235

Culture—Sow in April or May, in warm, rich soil, in rows 1½ feet apart and cover seed ½ inch. Some of the plants will be ready for use in September; the remainder the following spring.

One ounce will sow 150 feet of drill

LARGE-LEAVED. Leaves are fully double the size of the common Dandelion. They make delicious "greens." Years of the most careful cultivation have developed a very fine strain of seed. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.75.

Dill

Culture—Sow in April or May, thinly in rows about 1½ feet apart for hand cultivation or 2½ feet apart if to be cultivated with horse. Cover seed about ½ inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

One ounce will sow 100 feet of row

COMMON. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

MAMMOTH. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

White Short-leaved Kohlrabi

Vitamins b, c

Kohlrabi

Iron Cal. lb. 165

Turnip-rooted Cabbage

Culture—Sow in hotbed in March and transplant in April or May, or sow outside in April or May. Make rows 18 inches apart, cover seed ½ inch and thin to stand 6 inches apart in the row. The bulb above the ground is the edible part. Fine for table when young; good for stock feeding when mature.

One ounce of seed sows 300 feet of row

Early White Vienna. Greenish white outside, with clear white flesh within. Fine in quality. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 55 cts.; lb. $1.75.

EARLY PURPLE VIENNA. Same as above, except in the outside color. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.

EARLY WHITE SHORT-LEAVED. An extremely early sort, with very small tops, thus allowing close planting; flesh white. Fine for forcing. Pkt. 5 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.

Why Good Seeds Don't Always Grow

or

What Happens After Germination?

Contrary to widespread belief, the destructive disease called "Damping-off" is not caused by dampness but by living germs or fungi which live in the soil. These soil fungi sustain their own vitality by drawing the life from the tender seedlings either before they emerge or after, when the plant withers and breaks off at the soil surface. Decay of seeds before sprouting is simply another phase of this disease.

Against the thread-like tentacles of the soil octopus the best seed—when unprotected—is entirely helpless. There are two ways to combat these fungi; sterilization of the soil with **FORMACIDE** or treatment of the seed with **CUPROCIDE.** Order either or both to come with your seeds. Offered on page 15.

Dwarf Green Curled Scotch Kale

Kale or Borecole

Vitamins A, b, c, g
Calcium, Iron, Cal. lb. 225

Culture—Sow ½ inch deep about the middle of April, but can be sown as late as July. For wintering over, sow in September. Thin or transplant and cultivate like cabbage. Does not form heads, but furnishes abundance of curled leaves. Will endure considerable frost without injury.

One ounce of seed sows 200 feet of drill; 1 to 2 pounds sow an acre

Dwarf Blue Curled Scotch. Dwarf, spreading type with large, bluish-green leaves which are finely curled and of excellent quality. Hardy. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Dwarf Green Curled Scotch. Dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

TALL GREEN CURLED SCOTCH. Similar to the above in color. The plant grows about 3 feet high, is very ornamental and makes excellent greens. Very hardy. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

SIBERIAN. Dwarf growth; bluish green leaves. Sow in September, in rows a foot apart, and cultivate the same as spinach. Very hardy and makes excellent spring greens. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

Leeks

Vitamins a, b, c

Leeks

Iron Cal. lb. 205

Cultivate the same as onions. One ounce of seed will sow 100 feet of row.

BROAD SCOTCH or LONDON FLAG. A hardy kind; large, strong plants with broad leaves. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

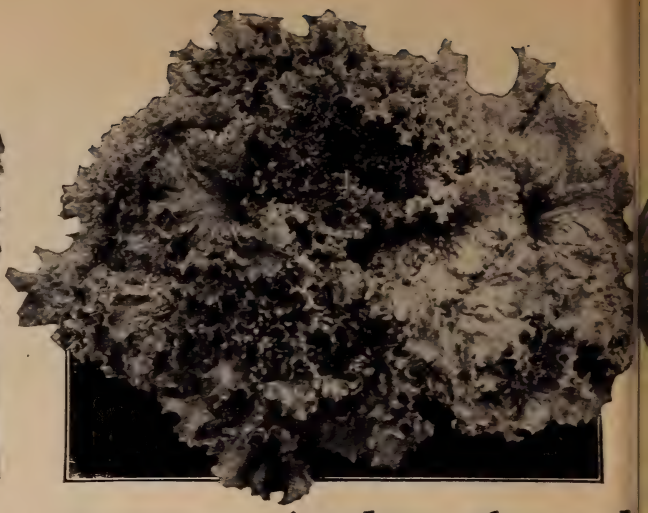
LARGE MUSSELBURGH. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Herbs for Many Purposes

Sweet, Pot, Culinary, and Medicinal

Culture—Herbs delight in a rich, mellow soil. Sow in April or May, in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Harvest on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in dry bottles or dry boxes to exclude the air. Varieties in this list marked with an asterisk (*) require two years to mature.

	Pkt.	Oz.		Pkt.	Oz.
Anise	$0.10	$0.20	*Rosemary	$0.10	$0.50
*Caraway	.05	.10	Sage, broad-leaved	.10	.30
*Coriander	.05	.10	Summer Savory	.10	.15
Dill, Common	.05	.10	Sweet Basil	.10	.15
Dill, Mammoth	.05	.10	Sweet Marjoram	.10	.30
*Fennel, Sweet	.05	.20	*Thyme	.10	.45
*Horehound	.10	.25	*Wormwood	.10	.45
*Lavender, Sweet	.10	.40			



Above: Black-Seeded Simpson
Right: Grand Rapids

Vitamins
a b c g

Livingston's Leaf and

Leaf or Loose Headed Varieties

Grand Rapids. **Especially adapted for greenhouse culture;** also good to sow outside early in the spring. Our stock of this variety is extra fine. It does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good market condition for a long time after cutting. Should be sown more shallow than the other sorts, otherwise it may not germinate. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.65.

Grand Rapids, Tip Burn Resistant. **A new strain of this variety that is resistant to tip burning.** Gives greater weight per square foot due to compactness and does not become spindly or bolt to seed as quickly as others. Excellent for greenhouse growing but equally as good outside. Developed by the Ohio Agricultural Experiment Station. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. $3.00.

OHIO GRAND RAPIDS. It is a dark-leaved Grand Rapids, and a quick grower. Especially adapted to midwinter crops in greenhouse. Very hardy. Not advised for home-gardens. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.65.

Mushroom Spawn

Mushrooms may be grown in a shed, cellar, cave or under the benches in greenhouses; in fact, in any place where conditions of temperature and moisture are favorable or can be controlled. We receive fresh Spawn several times a year from the best American growers.

CULTURAL LEAFLET WILL BE SUPPLIED TO CUSTOMERS

American Pure-Culture White Spawn.

Produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the Mushroom.

BRICK SPAWN. Spawns 10 square foot bed. Brick, 40 cts.; 5 bricks, $1.50; 25 bricks, $6.75, postpaid.

BOTTLE SPAWN. Will spawn 40 square foot bed. Bottle $1; 5 bottles $4.50; postpaid.

DOGZOFF keeps dogs away. See page 15.

Culture—To grow good Leaf Lettuce outside sow the seed very thinly (¼ inch) in rows 15 inches apart, covering with very fine soil. This can be done in April as soon as the cold wet days of spring are past. Successive sowings can be made at 2 week intervals for a continuous supply. Diligent hoeing, especially in dry weather, and plenty of water are essential. Thin plants to 2 inches apart when a few leaves appear and normal use will further thin the row as they develop. For fall crop sow seed in August. For extra-early crop sow in cold-frame in fall and protect through the winter or in hot-bed in early spring and set out when soil is dry and warm.

One ounce of seed sows 100 square feet; plants 120 feet of row; produces 3,000 plants.

Black-Seeded Simpson. **The Universal home-garden variety.** Forms a large, loose head of nearly white, curly leaves that are large, thin, very tender and of good quality. For home table use you can get no better. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.30.

Arlington Fancy Curled. A beautiful variety of the curly-leaf type. It resembles the best stocks of the Grand Rapids, but it is more beautifully curled and produces greater weight to a given space. It is very true to type, of excellent quality, and for garnishing nothing in the Lettuce line excels it. Everyone should grow some of it, as it is one of the popular favorites with the general public. It has a slight tendency to head, which makes it very crisp. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 55 cts.; lb. $1.75.

EARLY CURLED SIMPSON. Forms a compact mass of curly leaves of light yellowish green, very tender. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.30.

PRIZE HEAD. Heads are large, light green tinged with brownish red, and of superb flavor. Even the outer leaves are crisp and tender. Extremely hardy. Very fine for home use but too tender to ship any great distance. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

Special Lettuce Collection

Two Leaf Varieties
BLACK-SEEDED SIMPSON, PRIZE HEAD
One Heading Variety: LIVINGSTON'S CRISP-AS-ICE
1 pkt. ea. (value 15c) 10c; 1 oz. ea. (value 55c) 40c

Heading Lettuce

Calcium
Iron
Cal. lb. 85

Above: Wonderful (New York)
Left: Big Boston Lettuce

Heading Varieties

Culture—Head Lettuce requires a longer growing season than leaf lettuce but must reach maturity before hot weather and while the nights are relatively cool. Therefore, the secret of growing it is an extra-early start, quick and uninterrupted growth. This requires diligent cultivation and a constant and fairly high moisture content in the soil. It is best to start seed inside or in hotbed in March and transplant later in rows 15 inches apart. Plants should be 12 inches apart in the row. Seed can also be sown outside in early spring or late summer.

Maturities given are from transplanting date.

Wonderful (New York). A truly wonderful heading variety. It is peculiar in having a dark green leaf when growing, but the head blanches to a light green with a center of creamy white. Heart is solid, sweet, tender, and crisp. This variety frequently weighs 2 to 3 pounds and has been known to grow to 6 pounds. Should be planted to avoid hot seasons for heading. 60 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.

New York No. 12. A new strain of New York. Perfectly round; solid and crisp; grows to a large size. Prefers cool weather and well fertilized soil. Matures early and is a sure header. Popular for shipping. 60 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Imperial No. 152. **New variety of the New York type; resistant to Brown Blight** but susceptible to Tip Burn. One of the surest heading. Medium sized plants with heads close to ground. A cool weather sort; should be planted for early spring or late fall maturity. 60 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. $2.75.

ICEBERG. Beautiful large, curly leaves of light green, with a slight red tinge at the edges. Heads solid, crisp, tender, and of fine flavor. Do not confuse with Wonderful; they are entirely different. 50 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

IMPROVED HANSON. Large heads; outer leaves are bright green and frilled; inner leaves white, sweet and crisp. Reliable header, stands summer heat well. 48 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Big Boston. **(White-seeded.) This selected Lettuce is a very desirable large variety for forcing in coldframes and for outdoor planting.** Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. It forms good-sized heads and does particularly well during the cool fall and spring months. Superior quality. 50 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.55.

White Boston. Forms a fine, large, solid, buttery head similar to Big Boston, but does not have brown edges on the outer leaves. The head has a light green color and blanches to a creamy yellow. Desirable for coldframe forcing and outside growing, especially on muck soil. 50 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.65.

Livingston's Crisp-as-Ice. *Introduced by us in 1895.* The large, solid heads deserve their name as they are exceedingly crisp, tender and brittle. Beautifully crimped and curled with outer leaves variegated dark brown, bronze and green; heart, creamy-yellow. Quite hardy. 50 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 55 cts.; lb. $1.75.

TRIANON COS (Romaine). The long, narrow leaves, which form solid heads, blanch and become snowy white. Excels in quality and crispness. Can be eaten same as celery. 55 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

MAY KING. An early variety of head lettuce. Grows quickly, producing fine, medium-sized heads, even in poor soil. It is not easily affected by cold or wet weather. 45 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

CHICKEN LETTUCE. Does not head but has stalks 3 to 4 ft. high which yield as much chicken-feed as any "greens" plant. When cut it starts to grow again. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.50.

LIVINGSTON'S LETTUCE MIXTURE. **One sowing produces salad for the season.** Liberal pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.

J. Harvey Brown, Kosciusko County, Indiana: *"Having raised and eaten 'Crisp as Ice Lettuce' we think there is no lettuce quite so good."*

Opal Marquardt, Union Co., Iowa, writes: *"Your seeds are the only ones that produced any yield for me last year. The Chinese lettuce grew in spite of the drouth. I find it heads in hot weather as well as cool and is remarkably drouth resistant.*

Ohio Sugar Muskmelon
We have taken much care in breeding and selecting this fine variety.

Left: Hale's Best Muskmelon

Vitamins
a, C, g.

MUSKMELONS

Culture—A rich, sandy soil and good seed are absolutely necessary for success in raising the best Muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put six to eight seeds in the hill and when danger from insects is past, leave one or two of the strongest plants only. Muskmelons or Cantaloupes may also be sown in rows that are made about 6 feet apart, and when the plants are well up thinned to stand in hills 5 to 6 feet apart, just before the plants begin to run. This method requires more seed but insures a good stand of plants in spite of the bugs. Cover seed 1 inch. Cultivate often and not deep.

One oz. will plant 60 hills; 2 to 3 lbs. will plant an acre.

Green Fleshed Varieties

Livingston's Ohio Sugar. **Popular main-crop and home market variety.** Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. One of the sweetest and most luscious green-fleshed Cantaloupes now on the market. It is the rarest exception that an under-quality melon is found. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness; seed cavity is small. Uniform shape. Illustrated above. 80 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

SELECT STOCK. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Write for Special Price on Large Lots of Melons

Rocky Ford. **Earliest, high quality, green fleshed variety.** A netted Gem melon with sweet, green flesh of high quality. Fruit small, almost round, smooth, slightly ribbed, densely covered with netting. 75 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

Honey Dew. Green fleshed. Sweet as honey. Averages about 6 inches in diameter and weighs five to six pounds. The skin is smooth with little netting, flesh green, very thick and fine-grained. 100 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Extra-Early Knight. **(Sweet Air.)** The earliest green fleshed, medium-sized melon. Fruit oblong; skin deep green, turning to gold at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color medium green blending to light pink. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

HAVE AN EARLIER GARDEN THIS YEAR

Germāco

Hotkaps

An individual hothouse for each plant.

A scientifically constructed wax paper cone that you place over each plant. Form miniature hothouses that protect plants from frost, wind, rain, insects, and ground crusting. Better, earlier Vegetables; higher prices for larger, earlier crops; real crop insurance.

INSTRUCTIVE PAMPHLET FREE

Prices: 1,000 lots, $9.75; 5,000 lots at $9.65 per 1,000; 10,000 lots at $9.55. Trial package of 250, including special-type Garden Setter, $3.65. Standard Germaco HOTKAP Setter, $1.50. All prepaid.

If you need HOTKAPS for your back-yard garden, note these prices: 100, with Garden Setter, $2.40; Garden Setter alone, 50 cts. All prepaid.

Home Garden Package

Special Unit for the home gardener. Protects and matures vegetables and flowers weeks earlier than your neighbors.

Home Garden Package—25 HOTKAPS with setter ..... **60c ppd.**

Mrs. Rockow, Ohio: *"We cannot praise your seeds high enough"*

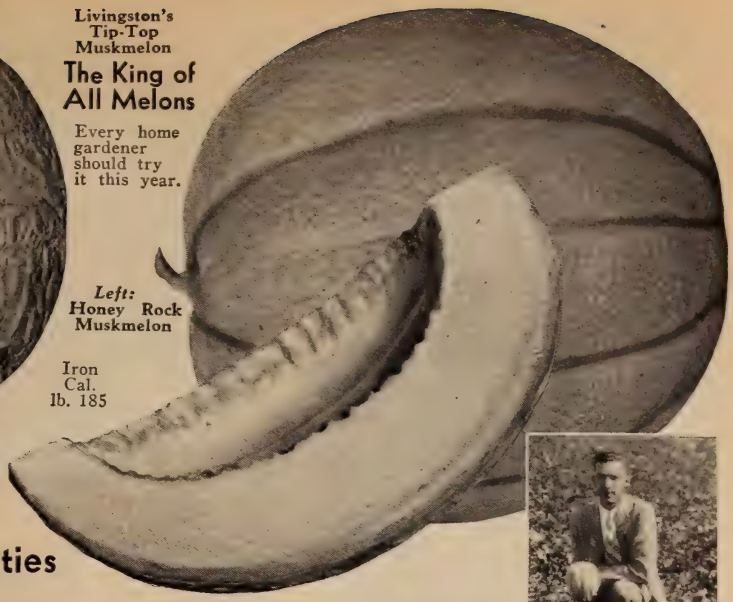
Livingston's Tip-Top Muskmelon

The King of All Melons

Every home gardener should try it this year.

Left: Honey Rock Muskmelon

Iron Cal. lb. 185



# of High Quality

Salmon Fleshed Varieties

Honey Rock. **Gold Medal, All-America Selections, 1933.** A new and outstanding variety which is sure to become the most popular with both home and market gardeners. The quality is excellent, every Melon being of high flavor and very sweet. The size is ideal for making two servings. It is almost as round as a ball, measuring about 6 inches through and covered with coarse heavy netting. Flesh is a salmon color, very thick and sweet. Early. Illustrated above. 78 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Hale's Best. **The earliest and best of the Rocky Ford type.** A slightly oval variety averaging about 7½ inches long, heavily netted. Flesh is deep salmon, very thick and firm, with a fine flavor. Very popular with shippers and an excellent variety for home use. Illustrated on opposite page. 75 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.30.

Bender's Surprise. **Excellent main-crop variety.** A very popular variety in the East, particularly in northern New York. Skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities. 80 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Lake Champlain. An exceedingly early salmon-fleshed melon of medium size and good quality. It is not entirely true as to type, but on account of its extreme earliness and quality we recommend its use for home and near-by markets. 68 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.30.

Emerald Gem. Ripens early. Medium-sized, nearly round melon, with delicate light salmon flesh, very thick, fine-grained, and of superb flavor. The rind is thin, dark green ribbed, slightly netted. One of the best for home use. 75 days. Pkt. 5c; ½ oz. 10c; oz. 15c; ¼ lb. 35c; lb. $1.15.

Honey Dew. Salmon fleshed strain of the popular green fleshed Honey Dew on opposite page. 100 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

BANANA. Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. 85 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

OSAGE. Large, oval, slightly ribbed variety. Main crop sort for market or home use. 78 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

Livingston's Tip-Top. **Tip-Top in quality, appearance, and productiveness.** *Introduced by us in* 1892. This splendid melon has "held its own" for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip-Top** is that every melon produced, whether large or small, early or late, is a good one—sweet, juicy, finest flavor, firm fleshed and edible to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh bright salmon in color; slightly oblong, evenly ribbed, moderately netted, very productive. 80 days. **Originator's Strain,** pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

SELECT STOCK. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Hearts of Gold. **(HOODOO).** Fruits are nearly round with very dense, fine netting; rind is thin but very firm; hence it is one of the best shippers. Flesh highly colored salmon, of fine texture and delicious flavor. Vines vigorous, productive and blight resistant. 73 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Milwaukee Market. A large variety, averaging 8 inches in diameter; has small seed cavity and thick, salmon flesh of a delicious, sweet flavor. Excellent as a home garden variety and used by gardeners who sell on close markets. Will not stand shipping. 87 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

EXTRA-EARLY OSAGE. Medium large early variety for market or home use. 75 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Greeley's Wonder. A 4 to 5 pound, round, heavily netted, late variety. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Special Muskmelon Collection

Three fine varieties; a green fleshed, a salmon fleshed and an oddity that you will like.

LIVINGSTON'S OHIO SUGAR HEARTS OF GOLD BANANA, an odd novelty

1 pkt. each (value 15c) 10c
1 oz. each (value 50c) 35c

True Blue Booster Mr. Seeger, Maryland: *"Have been pleased with your good seeds and courteous service"*

Improved Kleckley's Sweet Watermelon

Dixie Queen Watermelon

Vitamins
b C g

WATERMELONS

Culture—A light, sandy soil, with good exposure to the sun, is the best situation for Watermelons. The ground should be prepared deeply, but receive shallow cultivation. Hoe often and very thoroughly about the hills. If extra-large Watermelons are desired for exhibition purposes, leave but one or two on a single vine. Plant 1 inch deep in hills 6 to 8 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight to ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. Watermelon seeds being large, an ounce is about right for small gardens.

One ounce of seed will plant 20 to 30 hills
4 to 6 lbs. will plant an acre

Improved Kleckley's Sweets. An improved strain of Kleckley's Sweets, being more full at either end. It is large, heavy, oblong and has an even dark green skin and rather thin rind. Averages 18 to 20 inches in length and 10 to 12 inches in diameter. Flesh is bright scarlet, with solid heart deliciously crisp and sugary. One of the most desirable varieties for home garden or local market growing. White seeded. 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

SWEETHEART. Splendid for shipping—popular in the South. It is hard to beat as to quality and productiveness. Melons oval, very heavy, very thin rind, but firm. In color it is a light green, slightly veined with a darker shade. The flesh is a bright red, very tender and sweet. Dark brown seeded. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

FLORIDA FAVORITE. A splendid oblong early melon. Skin dark green, slightly mottled with still deeper shade; flesh dark red and of the finest flavor and quality; seeds white. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

USE HOTKAPS WITH MELONS
Pictured and Described on page 76.

USE THE NEW GARDEX TOOLS
Illustrated and Described on page 16.

Dixie Queen. **A remarkable new melon,** destined to become a leader for home gardens, local market and shipping. Round with light and dark green stripes; uniform in size and appearance; size medium to large. Thin, tough rind; flesh bright scarlet, solid, of fine texture. Fewer seeds than any other variety. Vines very vigorous and prolific. Small white seeded. Pkt. 10 cts.; ½ oz. 15 cts.; oz. 25 cts; ¼ lb. 65 cts.; lb. $2.00.

Tom Watson. **A popular shipper.** An extra-long melon of attractive appearance, uniform in shape and quality. The average melon will weigh 35 to 40 pounds and measure about 24 inches long and about 10 inches in diameter. Its luscious crimson flesh is sweet, melting, and of superb flavor. Very prolific. Rind thin but tough, hence popular for shipping. Brown seeded, mottled white, 90 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Halbert Honey. Sweetest watermelon grown and without strings in the flesh. A long, dark green variety. Fruits average 18 to 20 inches long and have a thin, brittle rind and deep red meat of delicious flavor; pulp entirely free from stringiness. One of the best for home gardens and sells on nearby market. White seeded. 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

COLE'S EARLY. Very hardy. A sure cropper for Northern States. Its dark red flesh is delicate in texture; rind green, striped with lighter shades, thin and brittle; of medium size and nearly round. Matures early. Especially good for home use. Dark brown seeded. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

LIVINGSTON'S ORANGE. Inner portion resembles an orange, hence its name. Inner core separates from rind when ripened and can be lifted out. Flesh beautiful pink shade, fine quality. 78 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Special prices on Watermelon in 10 to 100-pound lots
Please write us for quotation on your requirements

Mrs. Moyer, Pennsylvania: *"Never had such gorgeous flowers. They are wonders."*

True Blue Booster

Stone Mountain Watermelon

Select Strains

Calcium
Iron
Cal. lb. 140

Stone Mountain or **DIXIE BELLE.** Large, medium dark green, round melon of excellent quality. Flesh highly colored, very solid with fewer seeds than others. A tough rind makes it good for shipping. Being early it can be grown farther north than many others; therefore good for home gardeners. Illustrated above. White seeded. 85 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Fordhook Early. The earliest and best melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; skin dark green; flesh is bright red, of fine quality. White seeded. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Ice Cream. **True White-seeded.** The great kitchen-garden and home-market Watermelon. Of good size; medium early; fruit oblong; rind light mottled green. The bright red flesh is solid to the center. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Irish Gray. Similar in shape and size to Tom Watson. Rind is greenish gray, thin but tough; flesh is red and free from stringiness. White seeded, 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

HARRIS' EARLIEST. Large, oval sort, with mottled skin. Dark brown seeded, 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

PRESERVING CITRON. Most desirable for preserves. Red seeded, 100 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

GRAY MONARCH (Long Light Icing). Very large melons, oblong in shape. White seeded, 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

CHILIAN. Medium sized, round melon with green skin, mottled and striped. Flesh bright red and of good quality. Popular on the Pacific Coast; good shipper. White seeded, 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

THURMOND GRAY. A large, long melon with gray-green skin and rich crimson flesh of delicious flavor. Will stand shipping. White seeded, 85 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

We can supply Round Dark Icing, Georgia Rattlesnake, Round Light Icing, Peerless, and Alabama Sweet. Each, pkt. 5 cts.; oz. 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Mr. Harry Meisner, Harrison Co., Ohio: *"I ordered my Melon seed from you in 1934 and the Banana was great, also the others. Largest Melons ever grown in this part of the country."*

Ostrich Plume Mustard
Illustration at right shows long-standing qualities of this variety (center) compared with others.

Mustard

Iron Cal. lb. 125

Culture—Sow seed ½ inch deep about the middle of April in rows 12 to 18 inches apart and when up thin to stand 4 to 6 inches apart in the row. Successive sowing will give leaves throughout the season.
One ounce of seed will sow 100 feet of row

Ostrich Plume, Long-Standing. **Gold Medal, All-America Selections, 1935.** A selection from Southern Giant Curled having remarkably long standing qualities, as much as 2 weeks longer than others. Leaves look like ostrich plumes, are finely crimped and curled and of a brighter color than the original. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Fordhook Fancy. The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings and stands well, even during the hot summer months. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Southern Giant Curled. Popular in South. Large bunches of tender green leaves. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

CHINESE. A giant curled variety with leaves of large size. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.

WHITE ENGLISH. Leaves are light green, mild, and tender. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c.

A Year with the Pruning Shear

Continued from page 48

JULY—Hardy climbing and rambler roses, cane fruits.

AUGUST—Shade trees, hedges, cane fruits, climbing and rambler roses.

SEPTEMBER—Stone fruits, hedges, ornamental trees and shrubs.

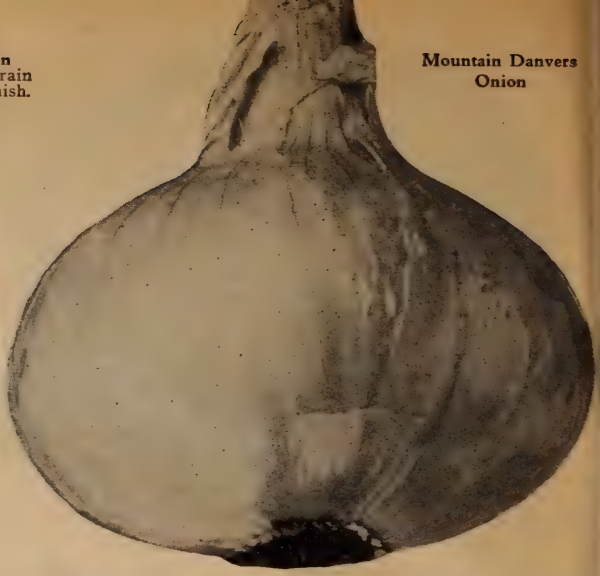
OCTOBER—Stone fruits, early apple and pear trees, late roses.

NOVEMBER-DECEMBER—Late flowering ornamentals, late flowering shrubs and vines, hedges, most dormant pruning.

Our leaflet **"Fundamental Principles of Pruning"** for the home gardener is included in **"My Pocket Garden Guide"** described and offered on page 2. We will also send this leaflet FREE with orders upon request.

See Pruning Shears offered on page 17.

Riverside Sweet Spanish Onion
An improved strain of Sweet Spanish. Mild flavored.



Mountain Danvers Onion

Vitamins
a b c g

ONIONS

Livingston's Choice

Culture—Onion seed should be sown as early in April as it is possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful Onion-growing. They delight in a rich, deep, sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 15 inches apart and about ½ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.

Cultural leaflet free to customers

For Large Onions—1 ounce to a 100 foot row, 4 lbs. to an acre.

For Onion Sets—6 ounces to a 100 foot row, 50 to 60 lbs. to an acre.

Special Onion Collection

SOUTHPORT GLOBES, Red, White and Yellow
1 Pkt. Each (Value 15c) 10c
1 Oz. Each (Value 85c) 65c

Yellow Varieties

Riverside Sweet Spanish. **An improved strain of the Sweet Spanish Onion,** superior in flavor, mildness, and keeping qualities. It is a large, well-shaped, brown Onion, weighing one pound or more. Unusually mild, but retains that genuine Onion flavor. Being a good keeper, it ships as well as any other. 110 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Mountain Danvers. **One of the earliest and best keeping varieties in cultivation.** The shape is globe, slightly flattened; color is a beautiful dark yellow shading to brown. A good shipper and a good sort to grow for sets. 100 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Ohio Yellow Globe. Most popular yellow globe. A distinctive and attractive globe shaped onion. Handsome, bright, even color; small necks and solid bulbs that ripen evenly (See illustration, opposite page). Ideal size, good quality and a high yielder. Adapted to muck soil; excellent winter keeper. 100 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Early Yellow Globe. New Yellow Globe strain which is becoming very popular on account of its earliness, ability to endure adverse conditions and its good keeping qualities. Large and solid. Illustrated in color on inside back cover. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 20 cts.; oz. 30 cts.; ¼ lb. 85 cts.; lb. $3.00.

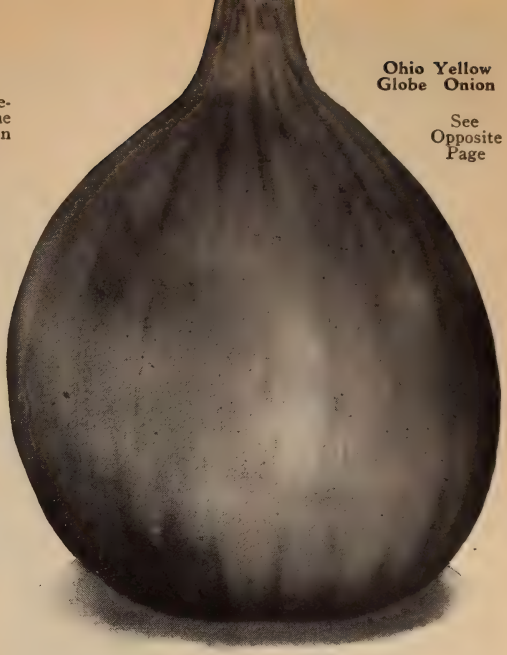
Ebenezer. **(JAPANESE.) Mildest yellow Onion in our list.** The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. One of the best for sets as they keep almost indefinitely. 100 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Mammoth Yellow Prize-Taker. **Grows to enormous size.** A hardy, good keeping variety of delicious mild flavor. It is globe-shaped, has rich, light yellow skin and white flesh and is a heavy yielder. Can be grown satisfactorily either by sowing seed in the open ground or by transplanting. 110 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.40.

YELLOW GLOBE DANVERS. Early and abundant cropper. Large, very thick bulb, flat or slightly convex bottom, full oval top, small neck and rich brownish yellow skin. We consider our Globe Danvers just right for critical growers. 105 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

SOUTHPORT YELLOW GLOBE. Produces large, perfectly globe-shaped bulbs. Color of the skin is brownish yellow. Flesh white, fine-grained and crisp. Similar to Yellow Globe Danvers, but larger. 110 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.50.

Southport White Globe Onion
A beautiful silvery white, globe-shaped variety. Considered the most handsome onion grown



Ohio Yellow Globe Onion

See Opposite Page

Onion Seed and Sets

Calcium
Iron
Cal. lb. 220

White Varieties

Southport White Globe. **The most handsome Onion grown.** Beautiful silvery white, perfectly globe-shaped, uniform in size. Flesh firm, fine grained, solid, and of pleasant flavor. Very small neck. Our stock of this important variety has been giving great satisfaction. 110 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 80 cts.; lb. $2.75.

White Portugal **or Silverskin. Best general purpose onion for home gardeners.** Considered by many as the best flat white Onion. It matures early, is of good size and has a mild flavor. When young it is fine for green onions and is much preferred for combination dishes on account of the flavor. As a pickling variety it is much esteemed. It also makes a fine large Onion and is a good keeper. 95 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Indiana Silverskin. This is a fine strain of pure white Onion that produces round, hard Onion sets. Bulbs are semi-flat. One of the best keeping white varieties. 95 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

WHITE WELSH. Does not form a bulb but is the best sort for bunching. To carry over winter for spring use, seed should be sown in furrows 4 inches deep and filled in as the plants develop. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.

See the inside back cover page for "OUR GREAT DOLLAR COLLECTION OF 'TRUE BLUE' VEGETABLE SEEDS"

MAKE THE MOST OUT OF YOUR GARDEN
Follow first early crops with later ones.

Mr. C. P. Putt, Taranaki, New Zealand: *"It was my privilege to order a sample collection of your 'True Blue Seeds' which proved to be all that was claimed for them."*

Mr. David Crosby, New Haven Co., Conn.: *"Seeds which I purchased from you in 1932 germinated 98% which included both vegetable and flower seed."*

Red Varieties

Southport Red Globe. **Largest and most popular red onion,** especially in the West. The largest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield a large percentage of Onions. Flesh pinkish white. They ripen down hard, keep well, and their beautiful appearance helps to sell them. 110 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. $2.40.

LARGE RED WETHERSFIELD. Earliest round red. A standard red variety. Large; skin deep purplish red; form round and flattened; flesh purplish white. One of the best keepers. A great yielder. 105 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 70 cts.; lb. $2.25.

Livingston's Choice Onion Sets

Young Onions are one of the most popular green vegetables in the garden. For real early ones you should set out some of our choice Onion Sets. This should be supplemented with onion seed for both green and bulb onions all through the season. All onions should be grown in rich friable soil. Sets can be set out as soon as the ground is warm and dry. Plant them about two inches apart and cover one inch.

WHITE. ½ lb. 20 cts.; lb. 35 cts. postpaid.
YELLOW or Brown. ½ lb. 20 cts.; 1 lb. 30 cts. Ppd.
A pound of sets is equal to about one quart. **Write for our lowest market price on larger quantities.**

Egyptian Onion Sets

These come in clusters which are separated and planted in the fall. They produce the earliest green onions in the spring and if left to grow, in turn, produce a crop of top sets for the next fall planting.
Choice Stock. Lb. 20 cts.; 3 lbs. 50 cts.; Postpaid.

NOTE: All orders will be filled on or after September 1st., 1937.

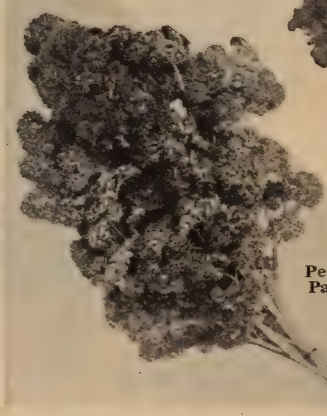
Mrs. George A. Carly, Prince William Co., Virginia: *"We have a better garden from your seed, than any other seeds we plant."*

Mrs. Thorp, Wisconsin: *"Your seeds in the past have been simply wonderful"*

White Velvet Okra
A fine large-podded variety for use in soups, stews, relishes, etc.

Champion Moss Curled Parsley
Considered one of the best for both market and home use. A vigorous, compact variety.

Peerless Parsley
New variety of merit. Characterized by hardiness.



Peerless Parsley

Okra or Gumbo

Vitamins a b — Calcium Iron Cal. lb. 175

Culture—Sow seed in May, after the ground is warm and dry, in drills 2 feet apart, covering ½ inch and thin to stand 18 inches apart. Make early and late sowing for a continuous supply. Makes fine soups alone or mixed with other vegetables.

One ounce of seed will sow 40 feet of drill

White Velvet. The large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact branching growth and very prolific. 51 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

DWARF LONG-POD. Adapted to small gardens; 3 feet high. Sets long pods very early and bears until late. 45 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

PERKIN'S MAMMOTH. Dwarf plant; long, slender, deep green pods. 60 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 55 cts.

Vitamins a b

Parsnips

Calcium Iron Cal. lb. 380

Culture—Sow seed in early April, as soon as the soil can be prepared, in drills 15 inches apart and ½ inch deep in well dug rich soil. Keep crust from forming and cultivate often. Thin to stand 4 inches apart. Roots improve by being left in ground until next spring.

One ounce of seed to 200 feet of drill; 5 to 6 pounds to an acre

HOLLOW CROWN (Large Sugar). Roots are white, smooth and of excellent flavor. 12 to 15 inches long by 3 inches through at top with hollow crown. 100 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

LIVINGSTON'S IDEAL. New variety of great merit. Clear white with very small core; of fine texture; free from stringiness and side roots. Intermediate in shape; wide, thick shoulders, deep hollow crown, tapers gradually to a point. Especially valuable to market gardeners. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Vitamins A b C

Parsley

IRON Cal. lb. 270

Culture—Sow seed in April in rows 1 foot apart, covering ¼ inch. Thin to 3 to 6 inches apart. Succeeds best in rich, mellow soil. Taken up in the fall and placed in 6 inch pots and kept well watered, Parsley will produce an abundance of leaves all winter. Used for seasoning soups and stews, for salads and for garnishing. Makes a fine ornamental border.

One ounce of seed will sow about 150 feet of drill

Peerless. **New. Award of Merit, All-America Selections, 1934.** A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Good quality and uniformity. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Champion Moss Curled. A vigorous compact sort. Owing to its uniformly deep green color and attractive foliage, it is one of the best for either market or home use. Densely crimped and curled. 70 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

Hamburg. **(ROOTED).** The fleshy roots of this variety resemble parsnips, and are used in soups and stews. The flesh is white and somewhat similar to celeriac (root celery). The roots may be dug and carried through the winter like turnips, etc. 100 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

FINE DOUBLE CURLED. A standard dwarf variety having deeply cut and curled leaves. 70 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Cuprocide protects Seeds against "Damping-Off" and assures better crops. See page 15.

First-Grade Stocks of Highest Quality

The Critical Market Gardener demands the highest quality. They like "True Blue" Seed. There is only one grade of "True Blue" Seed. Buy these seeds with that extra vitality which makes your gardening success outstanding in your neighborhood.

Quality PUMPKINS

Vitamins
a b c

Calcium Iron
Cal. lb. 160

Small Sweet
Best Pie Pumpkin

Large Sweet Cheese

Common Yellow Field

Winter Luxury
A Good Pie Variety

Large Sweet
A splendid sort for canning and market use.

Culture—Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May, when you plant your corn. Make hills the same as you do for squashes, but about 8 to 10 feet apart each way. Place about 8 seeds in a hill, cover 1 inch, and thin to 3 to 4 vines. It is preferable to grow Pumpkins in the field, and not in the garden, as they mix with the squashes and other vines.

One ounce of seed will plant 15 hills; 3 to 4 pounds will plant an acre

Large Sweet. **(Kentucky Field.)** A large, round, flattened Pumpkin that is hardy and productive. It grows 1 to 2 feet in diameter and has thick orange flesh of extra-fine quality. A splendid sort for canning and market use. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

LARGE SWEET CHEESE. One of the best for canning. Large, round, flattened variety with thick, sweet orange flesh. An excellent keeper. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Small Sweet. **(Sugar.) Best pie pumpkin.** This is the small, sweet Pumpkin that has made the New England States famous for their Pumpkin pies. The flesh is very fine grained, most deliciously sweet-flavored, and a splendid keeper. It averages about 10 inches in diameter and is of deep orange-yellow color. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

MAMMOTH POTIRON. One of largest grown. A really enormous variety (specimens often grow 2 feet in diameter and sometimes **weigh 150 lbs.**) with depressed ends and slightly ribbed salmon-color skin; flesh bright yellow. Great exhibition sort. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

COMMON YELLOW FIELD. (Yankee Cow; Conn. Field.) Cultivated chiefly by farmers for stock-feeding and used some for canning. Very productive. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Winter Luxury. Excellent for pies. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Why Not Grow Some Peanuts?

Culture—Peanuts require rich, sandy soil. Plant when the soil is warm and dry, about the middle of May. Plant 2 to 3 inches deep, with the hulls on, in rows about 3 feet apart, and about 10 inches apart in the rows. When ripe dig up the vines and hang up to dry.

Complete Peanut cultural leaflet free on request.

SWEET SPANISH. The earliest variety grown. Pods are small, well filled, and of fine quality. Large pkt. 10 cts.; ¼ lb. 15 cts.; lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.50; 10 lbs. $2.75.

IMPROVED LARGE VIRGINIA (Jumbo). It has the largest pods and more kernels with fewer imperfect pods than any other. Stands erect, easily cultivated. Vines make valuable forage for stock. Large pkt. 10 cts.; ¼ lb. 15 cts.; lb. 35 cts.; 3 lbs. $1.00; 5 lbs. $1.50; 10 lbs. $2.75.

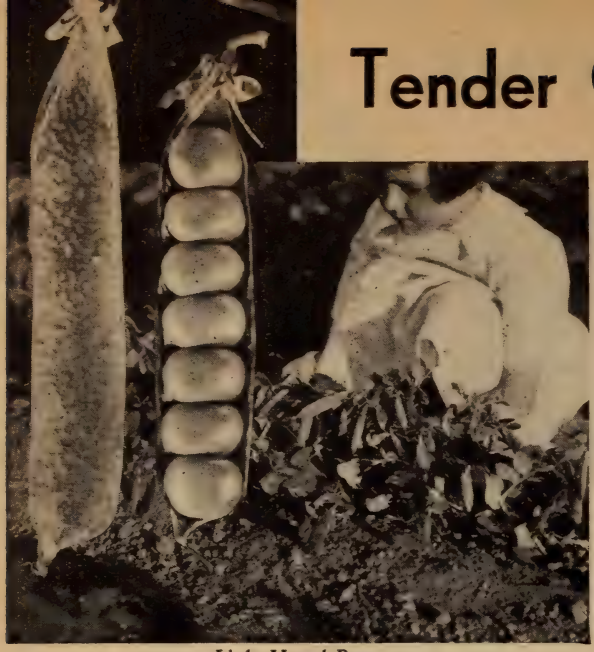
Mrs. Henry Robinson, Route 4, Pleasants Co., West Virginia: *"I like your seeds awful well. I had the finest Parsnips last year from the seeds I bought from you and all the other seeds did good."*

Livingston's Serial Picture Story

Continued from page 71

Here is "quality and confidence" picture-proof from "True Blue Boosters." All are market gardeners of recognized responsibility who know that the right start is a good start with good seeds—"True Blue" seeds. We are indebted to the following customers for these pictures: Mr. Hugh Eyerdom, Cleveland, O.; Mr. Chas. Fishel, Indianapolis, Ind.; Mr. Al. Butcher, Indianapolis, Ind.; Baltz Bros., Lancaster, O.; Geo. Shirk & Son, Blacklick, O.; Hellwig Bros., St. Louis, Mo.

Tender GARDEN PEAS



Little Marvel Peas

Vitamins a, b, C, g — Calcium IRON Cal. lb. 460

PLEASE READ THIS

At these low prices we cannot pay transportation on Peas beyond the 4th zone, unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5-pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5-pound rate.

Culture—Peas thrive best in a rich soil and moderate temperature. Smooth seeded varieties are extremely hardy and can be planted quite early in April, about 2 to 3 inches deep. Wrinkled varieties are not so hardy but are of superior quality. They should be planted when the ground is warm and dry and if they are planted quite early they should be covered only 1 inch.

For dwarf varieties make the rows 20 to 24 inches apart and for tall varieties make them 30 to 36 inches apart. The seed should be placed 1 to 2 inches apart in the row. In the home garden, double rows, 6 inches apart, with brush or trellis between is ideal for conservation of space. Cultivate often and gather the crop as rapidly as it is fit for use. Successive sowings of early, medium and late varieties will provide food over a long period.

Two pounds sow 100 feet of row; 75 to 100 lbs., an acre; 2 pounds equal 1 quart, 15 pounds 1 peck, 56 pounds 1 bu.

Early Dwarf Wrinkled Varieties

Little Marvel. **One of the earliest wrinkled peas.** Well adapted to home gardens. Pods medium dark green, 3 inches long, round with square ends and often contain seven rich, dark green peas. (See Illustration above.) Heavy bearer and high quality. 12 to 15 inches tall. 63 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.

Nott's Excelsior. Extra-early, dwarf, wrinkled Pea. Foliage medium green and rather heavy. Pods 3 inches long, filled with large sweet Peas and all are ready to pick at once. A great yielder. 12 to 15 inches tall. 59 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Laxtonian. This is a 3¾ to 4 inch giant-podded, early dwarf Pea having large, dark green pods and Peas of finest quality. Illustrated on opposite page. 22 inches high. 67 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Laxton's Progress. **Earliest of the large-podded dwarf varieties.** Very productive. Pods are 4 to 4½ inches long, pointed, deep green in color and contain eight large peas of delicious, sweet flavor. 15 to 18 inches tall. 64 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Blue Bantam. Dark foliage, blue-green pods, and Peas. Pods 4 inches long with eight Peas of fine quality. 15 inches tall. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

PREMIUM GEM. Light green, round, 3 inch pods with blunt end. Six light green peas; good quality. 18 inches tall. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

AMERICAN WONDER. Early and productive. 2½ inch pods; fine flavored peas. 10 inches tall. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Early Tall Smooth Varieties

Mammoth Podded Extra Early. **Largest in this class and the most productive.** Deep green vines and foliage; robust and heavy. 4 inch dark green pods, round, broad, saddle-backed and square ended. Seven large, semi-wrinkled, green peas. Promising for early market. 3 feet tall. 59 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Livingston's Prolific Early Market. Compares with "First-in-Market." Pods are longer and contain more fine flavored peas. Very productive. 30 inches tall. 58 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.15; 10 lbs. $2.00.

Livingston's First-in-Market. A productive variety, ripening uniformly. Pods are handsome, straight, 3 inches long and full of medium-sized round peas. 24 to 30 inches tall. 58 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.15; 10 lbs. $2.00.

EXTRA-EARLY ALASKA. Earliest grown—good canner. Blue-green peas that hold their color. 30 inches tall. 57 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 75 cts.; 5 lbs. $1.15; 10 lbs. $2.00.

ASK FOR PRICES OF PEAS IN LARGER QUANTITIES

A Good Edible Pod Pea

MAMMOTH MELTING SUGAR. Large, fleshy pods of fine quality; can be cooked the same as beans. Vines 3 to 4 feet. 84 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 3 lbs. 90 cts.; 5 lbs. $1.40; 10 lbs. $2.50.

INOCULATE THIS SEED WITH NOD-O-GEN

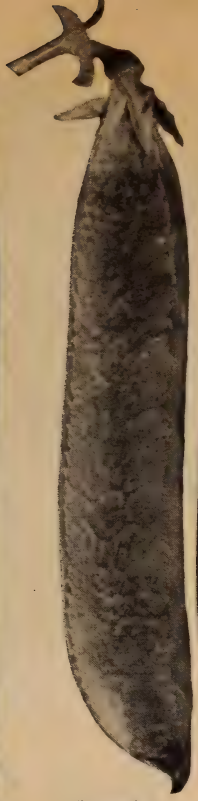
You can have better Peas this season by using this culture. Insures a catch, hastens maturity, increases the crop, and enriches the soil. Peas need nitrogen. Nod-o-gen Inoculator will supply it.

HOME GARDEN SIZE For Peas and Beans 20 cts. Ppd.

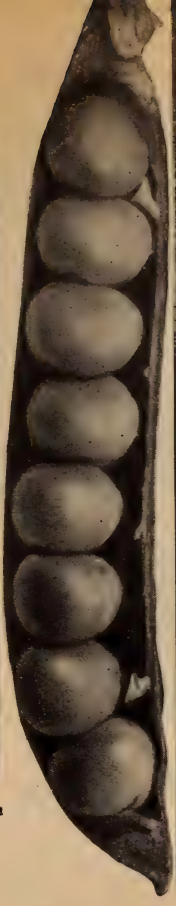
See page 58 for other sizes.

Premium Gem Peas

Thomas Laxton



Laxtonian Pea



Telephone Pea

Giant Stride Peas

Early Tall Wrinkled Varieties

World's Record. **Earliest tall wrinkled Pea.** Really an extra-early strain of Gradus, but more productive. Medium green vines and pods. Pods 3½ to 4 inches long, broad and pointed. 7 to 9 large, dark green peas. 2 feet tall. 60 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Thomas Laxton. One of the most popular. Yields heavy. Large 4 inch, square ended, well-filled pods. (See illustration above.) Unsurpassed for quality. 3 feet tall. 62 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Gradus or **PROSPERITY.** Old popular variety. Combines earliness with large size. 4 to 4½ inch, straight pods filled with handsome peas of superb quality. 3 feet tall. 65 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

Main Crop Tall Wrinkled

Alderman. **(Dark-podded Telephone.)** A late wrinkled variety bearing freely large pods of a dark green color, and on this account considered by many superior to Telephone. Quality extra fine. 4 feet tall. 72 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

TELEPHONE. Vine large, with coarse leaves; height about 4 feet. Large light green pods with large Peas, tender, sweet, and of fine quality. 72 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25; 10 lbs. $2.20.

Home Garden Pea Collection

NOTT'S EXCELSIOR, Early **GRADUS, Medium**
TELEPHONE, Late
One packet of each, 25 cts.; ½ lb. of each, 50 cts.; 1 lb. of each, 75 cts.

Main Crop Dwarf Wrinkled

Giant Stride. **One of the best main crop varieties —sure cropper.** Pods average 5 inches long and have 8 to 9 large peas. Both pods and peas are dark green in color, of high quality and very productive. Vines, 2 feet. See illustration above. 80 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 35 cts.; 2 lbs. 60 cts.; 3 lbs. 85 cts.; 5 lbs. $1.30; 10 lbs. $2.30.

Potlatch. A late variety of great value, with very large pods, measuring up to 6 inches in length. Vines and pods are a rich, dark green, and pods contain eight or nine immense Peas. The plant is vigorous and the pods are borne in pairs. It is a great producer. 2 feet tall. 83 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

IMPROVED STRATAGEM. Strong, vigorous vines having large pods, 5 inches in length, containing eight to ten large, rich Peas. 2½ feet tall. 83 days. Large Pkt. 10 cts.; ½ lb. 20 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 3 lbs. 80 cts.; 5 lbs. $1.20; 10 lbs. $2.10.

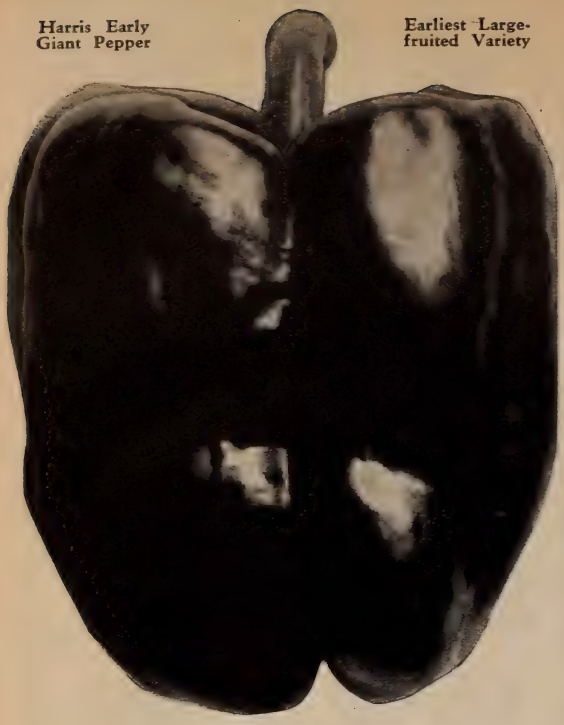
How to Make
Poison Bait for Cut Worms

Thoroughly mix 25 parts of dry bran with 1 part of Paris Green. Do not use the hands in doing this. Mix 2 parts of syrup or molasses with 15 parts of water. Combine the bran mixture with the molasses mixture until you have a crumbly mass. Sprinkle along the row before or after the plants are set and repeat if necessary.

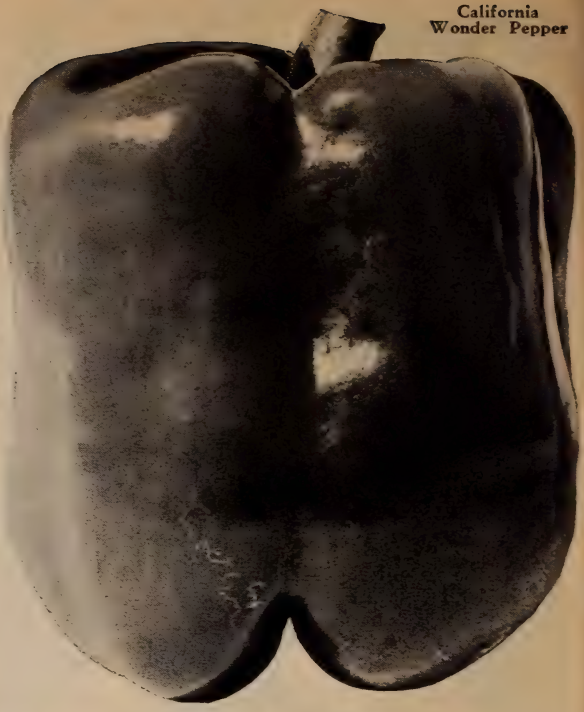
See Complete Spraying and Dusting Chart, page 93. Complete offering of Insecticides and Fungicides, page 15.

Harris Early Giant Pepper

Earliest Large-fruited Variety



California Wonder Pepper



Vitamins A b C

Grow Your Own Peppers

Culture—Peppers should be started in a hotbed or coldframe in late March or early April and transplanted the latter part of May into a sunny corner of the garden, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can be sown ½ inch deep in open ground in a seed-bed when all danger from frost has passed and the weather has become settled and the soil warm. When the plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer, stirred into the soil when the plants are about 6 inches high, will be beneficial. Maturities given are from transplanting dates.

One ounce of seed will produce about 1,500 plants
5 to 6 ounces to an acre

Harris Early Giant. **Earliest of all large-fruited sorts.** The plants are of vigorous growth and covered with enormous Peppers about 4 inches long and 3 inches through. The Peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. Fruits begin setting when the plants are quite small. Illustrated below. 52 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Oshkosh. Glossy green when growing, and many are used at this time. Bright canary yellow when ripe. Large, smooth, slightly ribbed, heart-shaped fruits. Prolific. 60 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Chinese Giant. It is of mammoth size, splendid shape, 4 to 5 inches broad and of equal length, beautiful, rich, glossy, bright red flesh, and mild flavor. Strong, bushy plants. 63 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

RUBY GIANT. A variety somewhat similar to Ruby King, but the fruits are larger and a little broader at the blossom end. The flesh is very thick, firm, and mild. 52 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

California Wonder. **One of the most important market varieties.** Large size, having wonderfully thick flesh—often ¼ to ⅜ inch thick which is deliciously crisp, tender, and sweet, like the finest pimentoes. In color it is a brilliant dark green, changing to crimson when ripe, and is of uniform shape and smoothness. (See illustration above.) Should be grown on heavy soil for best results. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Livingston's Extra-Early Red Prolific. This variety is very early, bright red, and exceedingly prolific. A very sure cropper on all kinds of soil. The fruits average 3 inches in length by 2½ inches in diameter. 45 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Livingston's Prolific Yellow. **Very early, very productive and mild. Introduced by us in 1914.** Quite similar to our Extra-Early Red Prolific except in color. Immensely productive of bright yellow fruits of the most convenient size for stuffing. 48 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

World Beater. The shape is like Ruby King and the size almost equal to Chinese Giant but not so broad. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet, exceedingly mild; flesh thick and firm, making this variety an excellent shipper. Rapidly growing in favor, especially in the South. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Mr. Chas. Geisler, Rock Island Co., Illinois: *"I bought seeds from you for 25 years. I was Truck farming. I quit 5 years ago. I just have a little garden spot and haven't had any luck since. I haven't used your seeds."*

Ruth Fetter, Butler Co., Ohio.: *"Our seeds from you last year were fine. We never had better."*

Mr. Fran D. Stanisewski, Hampden Co., Massachusetts: *"The seeds I purchased from you last month are very good. I've already raised some nice plants from them in my greenhouse."*

 Mrs. Snyder, Connecticut: *"I thank you for the nifty little Pocket Garden Guide. It is ideal"* **True Blue Booster**

Mammoth Ruby King Pepper

Livingston's Improved Thick Long Red Pepper

Hungarian Long Slim Hot Pepper

Livingston's Pepper Seeds Are of Highest Quality

Calcium Iron Cal. lb. 155

Mammoth Ruby King. Splendid size and handsome appearance. The plants are vigorous, very bushy, growing about 2 feet in height, well branched, thickly set with large fruits, some 5 to 6 inches long by about 3 inches thick. 59 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.15; lb. $3.50.

LARGE BELL or BULLNOSE. A good early variety and of mild flavor. It is of medium size with skin fairly thick and fleshy. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 40 cts.; ¼ lb. $1.10; lb., $3.25.

Sunnybrook. **(Pimento)** The Sunnybrook is larger and an improvement on the older type of the tomato-shaped Pimento. It comes into bearing early, is very productive, has very thick, sweet flesh, and is a brilliant red. The best of this type. 53 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

MIXED MANGOES. A choice mixture containing a large number of the best sweet varieties suitable for stuffing and mangoes. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.

Mrs. S. H. Raudenbush, Montgomery Co., Pa.: *"We find your seed wonderful both flower and vegetable as I think every seed grew. We are very much pleased with everything."*

Mrs. Joseph E. Joly, Iberville Co., Louisiana: *"Have used your tomato seeds for years and would not use any other as they give best results."*

Rhubarb or Pie Plant

Culture—Sow seed 1 inch deep early in spring, in rows 1 foot apart. Transplant 2 feet apart the second autumn and start cutting the following spring. Requires a deeply cultivated and thoroughly manured soil.

One ounce of seed will produce 500 plants.

VICTORIA. Most generally used variety. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

Rhubarb Roots

VICTORIA. One year; Each 20 cts.; doz. $1.75, Postpaid.

Hot Varieties

Livingston's Improved Thick Long Red. Introduced by us in 1889. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

Hungarian Long Slim. **(Hot)** A waxy canary yellow in color, turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. 53 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

HUNGARIAN WAX (Large Type, Medium Hot). Same as above in color and maturity, but less pungent. Grows 4 to 5 inches long by 1½ to 2 inches in diameter. Try it with your mixed pickles. Pkt. 5 cts.; ¼ oz. 40 cts.; ½ oz. 60 cts.; oz. $1.00; ¼ lb. $3.00.

SMALL CAYENNE (Red Chili). The pods are 1½ inches long; very hot. Used for making pepper sauce. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35.

LONG RED CAYENNE. Three to 4 inches long, quite narrow and hot. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35.

"RED HOT" MIXTURE. Small, ornamental sorts which are as "hot as fire." Pkt. 5 cts.

Mrs. William S. Hope, Lucas Co., Iowa: *"I have never sent to your company before. A friend of mine raised some of your Giant Oxheart Tomatoes last year and if all your seeds are as good as they were I should have a grand garden this year."*

Mr. J. M. Doughty, Greerre Co., Missouri: *"I certainly appreciate Livingston's catalog and seed service."*

Wiebe J. Knol, Oklahoma Co., Okla.: *"Was well pleased with all my seeds from last year that I got from you."*

John Ottrogge, Bremer Co., Iowa: *"I had some of your seeds last year. They were very good."*

RADISHES

Grow Both the Round and Long Varieties

Vitamins a, b, c — Calcium Iron Cal. lb. 100

Early Scarlet Globe Radish

Most Popular Globe-Shaped Variety

Glowing Ball Radish

Crimson Giant

Culture—All varieties thrive best in light, sandy loam. For early use, sow in the hotbed in February, giving plenty of ventilation, or outside in the garden, in drills 1 foot apart as soon as the soil is warm and dry in April. Cover seed ½ inch deep. Sow every two weeks from March until September, except in extreme hot weather, for a succession of crisp Radishes for table use. Radishes must grow rapidly to be crisp, mild-flavored, and tender. The use of Nitrate of Soda or Sulphate of Ammonia applied when they first come up will promote this.

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

Round and Oval Varieties

Early Scarlet Globe. **Most popular of all globe-shaped early Radishes.** Used more than any other variety by market gardeners for both forcing and open ground. A splendid round or globe-shaped sort with bright red skin and pure white flesh which is crisp, tender and of delicious flavor. We take much pride in the quality of our stock. (See illustration above.) 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

SCARLET GLOBE, Greenhouse Special Strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

SCARLET GLOBE, Muck Special Strain. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Saxa. Popular greenhouse variety but fine for home gardens. Very small top and tap-root. Beautiful scarlet color, round as a marble, crisp and juicy. When forcing it should not become dry, when it tends to crack. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

Comet. **Award of Merit, All-America Selections, 1936.** New promising variety. Ball-shaped, bright scarlet. Grows large and does not become pithy. Illustrated in color on inside back cover. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.: lb. $1.35.

Fireball. **(NON PLUS ULTRA.)** Deep, rich scarlet in color, with very small tops and crisp, tender, white flesh. Not quite so large as Scarlet Globe. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

Livingston's Selwel. An increasing demand on some markets for a Radish with a larger portion of white than in Cooper's Sparkler has prompted us to offer Selwel. Upper half, scarlet; lower portion, pure white. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Glowing Ball. **Gold Medal, All-America Selections, 1934.** A round, short top variety with smooth, silky, bright scarlet-red skin with almost an orange glow. Very small tap-root. About 1 inch in diameter. Highly recommended for both greenhouse forcing and outside planting. Our stock produces fine, uniform bulbs. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. 95 cts.

Cooper's Sparkler. **(SCARLET TURNIP WHITE-TIP).** A splendid, crisp variety of the Scarlet Turnip White-tipped type, but showing more white, while the upper half is a bright scarlet. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Crimson Giant. Combines earliness and large size without becoming pithy even when a week older than other varieties. Crimson-carmine; turnip-shaped. 27 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Rosy Gem. One of the earliest. It is perfectly globular, rich brilliant scarlet at top, blending into pure white at bottom, tender and crisp. The greenhouse strain of Cooper's Sparkler. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

EARLY SNOWBALL. Prettiest round Radishes in our list. White as snow. 30 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

MODEL WHITE BOX. A short-topped Radish of rapid growth, perfect turnip shape. 28 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

GOLDEN GLOBE. Perfect globe-shaped; golden colored skin; white flesh; withstands heat. 31 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

EARLY SCARLET TURNIP. Quite early, small, round Radish with rich dark scarlet skin. 27 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

Mrs. Gray, Illinois: *"This begins my 27th year ordering Livingston's seeds"*

True Blue Booster

THE LIVINGSTON SEED COMPANY

Long Varieties of Radish

Cincinnati Market. **Best long red variety. Introduced by us in 1895** and has become deservedly popular. Grows straight and long, 6 to 7 inches; beautiful scarlet, very thin skin; flesh crisp, brittle and of delightful flavor. Top small, permitting close standing. 32 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

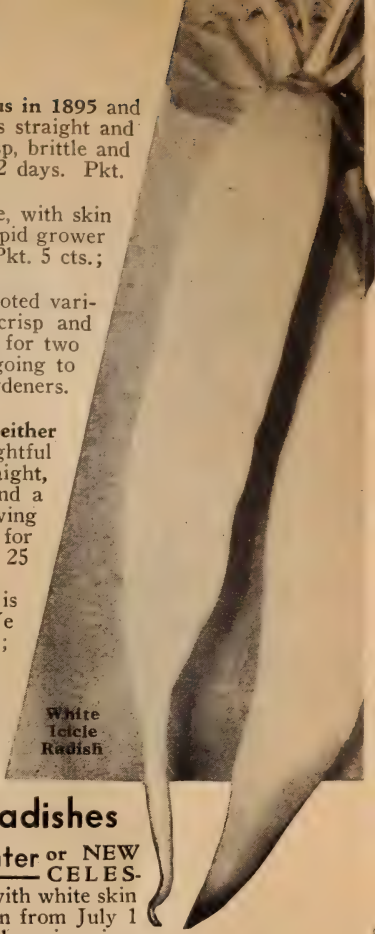
Lady Finger **or LONG WHITE VIENNA.** Beautiful shape, with skin and flesh pure white, very crisp and tender. Rapid grower and long standing. Later than Long White Icicle. 36 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

Livingston's Pearl. A beautiful, pearly white, half stump-rooted variety of exceptional merit. It is very crisp and after having reached its best condition, remains in good shape for two weeks or more before becoming woody or showing signs of going to seed. We can heartily recommend this variety to home-gardeners. 29 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

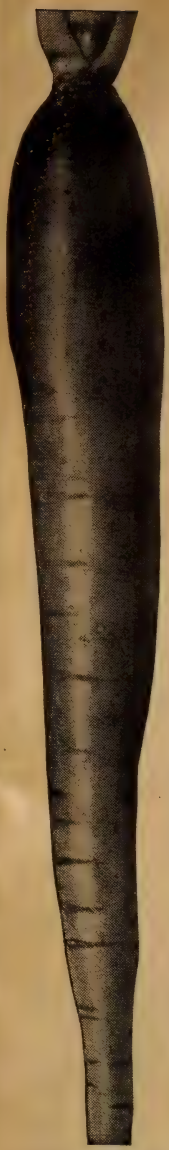
White Icicle. **One of the very best white radishes for either home or market growing.** Has a delightful flavor; is very crisp and tender. Grows 4 to 5 inches long; straight, slightly stump-rooted and of transparent whiteness. Will stand a long time without becoming woody. We would suggest growing Icicle as a companion to Early Scarlet Globe round radish for combination servings. 29 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

WHITE ICICLE. Special Short Top for muck soil. This strain is proving to be highly satisfactory in large muck sections. We recommend its use where adaptable. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

IMPROVED CHARTIER. A clear rose-colored, long Radish, shading into pure waxy white at the tips; attains large size; grows fast. 35 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.



White Icicle Radish



Cincinnati Market Radish

WHITE DELICIOUS. Of distinct half-long form, tapering to a point. They grow to good size, are of handsome appearance, and the pure white flesh is crisp, solid, and of mild flavor. A good summer variety. 30 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

GIANT WHITE STUTTGART. Large, top-shaped sort with flesh and skin white, firm and brittle. Can be stored for winter the same as turnips. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

FRENCH BREAKFAST. Oval, scarlet sort, tipped with white; mild and tender. 25 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

WHITE STRASBURG. Handsome, oblong tapered Radish with pure white skin and flesh, firm, brittle, and crisp. Excellent for summer use as it withstands heat. 41 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Our All-Season Mixture

Contains all shades and shapes—red, white, pink, variegated; round, half-long and long—in great variety. Just fine for small gardens, where space is limited, and where you want to make a garden and be done with it. One sowing does for the whole season. Large Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.

Rodney Marshall, Traverse Co., Minn.: *"I have used both your vegetable and flower seeds during the past 2 seasons and found them very satisfactory. Your Livingston Pritchard tomato created a sensation and was the finest tomato I've ever grown."*

Frank L. Scholl, Adams Co., Idaho: *"Last fall from your Oxheart tomato, I raised 1 tomato that weighed 3 lbs. and 5 oz."*

Charles E. Holske, Norfolk Co., Mass., writes: *"Your Chard, Spinach and Cabbage are of high germination test. I am well pleased with your seed."*

Best Winter Radishes

White Chinese Winter **or NEW CELESTIAL.** Large Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor; brittle and never woody. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

CHINESE ROSE WINTER. A very handsome and distinct bright rose variety, crisp and tender; cylindrical in shape, very smooth. Keeps through autumn and winter. 48 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

LONG BLACK SPANISH WINTER. Grows 7 to 8 inches long. Diameter about 1¼ inches. Skin black; flesh white and firm. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

ROUND BLACK SPANISH WINTER. Similar to Long Black Spanish, except in shape. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

"True Blue" SEED FACTS

- We operate big trial grounds every year. Under actual growing conditions we know, within reasonable certainty, our seeds will be satisfactory in your garden.
- Livingstons started in the seed business (1850) by growing and supplying seeds to commercial gardeners. Everybody gets the same high quality because there is only one grade of "True Blue" seeds.
- "True Blue" seeds offer you the most quality you can possibly get for your money. We don't skimp on quantity either.
- "True Blue" seeds actually stretch your seed dollar by giving maximum germination, higher productivity and more adaptability to given conditions.
- "True Blue" vegetable seeds are sold in full sized packets at only 5c. And, there is no compromise with quality.

For More Satisfaction Buy "True Blue" Seeds

Special Summer Savoy Spinach

At left is Summer Savoy Spinach (Center) showing its long-standing qualities as compared with others.

Bloomsdale Savoy Reselected Spinach

Vitamins A, b, c, G

Spinach

IRON Cal. lb., 110

Special Summer Savoy.

New. A Bloomsdale type especially adapted to hot summer growing. Heavier crumpled and blistered, darker green and longer standing than Long Standing Bloomsdale. See illustration at left. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Juliana. Best second-early variety. Dark green crumpled, thick leaves; short leaf-stems. Very slow to run to seed. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

New Zealand. **Cut and come again variety.** Branching plants; thick, succulent leaves. Thrives during hot weather and in any soil. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

King of Denmark. **The New Evergreen Spinach.** It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Virginia Blight-Resistant Savoy. Fine for fall planting, about August 15, but tends to go to seed when grown as spring crop. Type, same as Bloomsdale but darker. Valuable where blight is prevalent. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

OLD DOMINION. **A blight-resistant variety,** in type and quality the same as Virginia blight-resistant, but has longer standing qualities; therefore can be sown in July for early fall crops and in September for early spring crop, as it winters well. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Swiss Chard or Spinach Beet

Culture—A peculiar variety of Beet. The leaves only are used as greens and the leaf-stalks or midribs may be cooked like Asparagus. Sow seed 1 to 2 inches deep in April or May in drills 12 to 18 inches apart, and thin to 8 to 10 inches apart in the row.

One ounce sows 100 feet of row; 4 to 5 pounds to an acre.

Fordhook Giant. Leaves broad, upright in growth, very dark green, savoyed, with broad white midrib. This variety, on account of its giant size and pleasing deep green color, will probably supersede other sorts. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Lucullus. Improved, heavy yielding variety. Creamy white curled leaves. Plants grow 2 feet tall. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 85 cts.

Culture—Will succeed in any ordinary soil, but rich soil promotes better growth and makes leaves more tender and succulent. Can be grown as a spring or summer crop, but seed will not germinate in extreme dry weather. Sow in April in rows 12 to 15 inches apart, covering seed 1 inch deep, and thin to 2 to 3 inches apart. For fall crop sow about August first, and for wintering over, about September first, and cover lightly with straw or other litter at approach of cold weather.

One ounce of seed will sow 50 feet of drill; 12 to 15 pounds will plant an acre

Bloomsdale Savoy Reselected. A new selection from Bloomsdale Long-Standing (below), which has the completely crumpled and blistered leaves and long standing qualities, but in which the male plants have been eliminated, preventing it shooting to seed so early. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 40c.

Bloomsdale Savoy Long-Standing. A new strain of merit. It is just as early as the old-type Bloomsdale, but stands in marketable condition ten to fourteen days longer. Intensely crumpled, blistered, uniform, deep glossy green leaves. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

Dark Green Nobel. **(VIKING).** The best of the so-called "smooth-leaved" sorts. Large mass of rather smooth, very thick, rounded leaves of enormous size. It stands very long before bolting. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 40 cts.

IMPROVED THICK LEAF (Viroflay). Good for fall or spring sowing. Has heavy, broad, dark green, curled leaves. Inclined to shoot to seed early. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 35 cts.

PRICKLY-SEEDED WINTER. Triangular, oblong or arrow-shaped leaves. Hardiest of all, therefore best for fall sowing where winters are severe. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 35 cts.

Sunflower

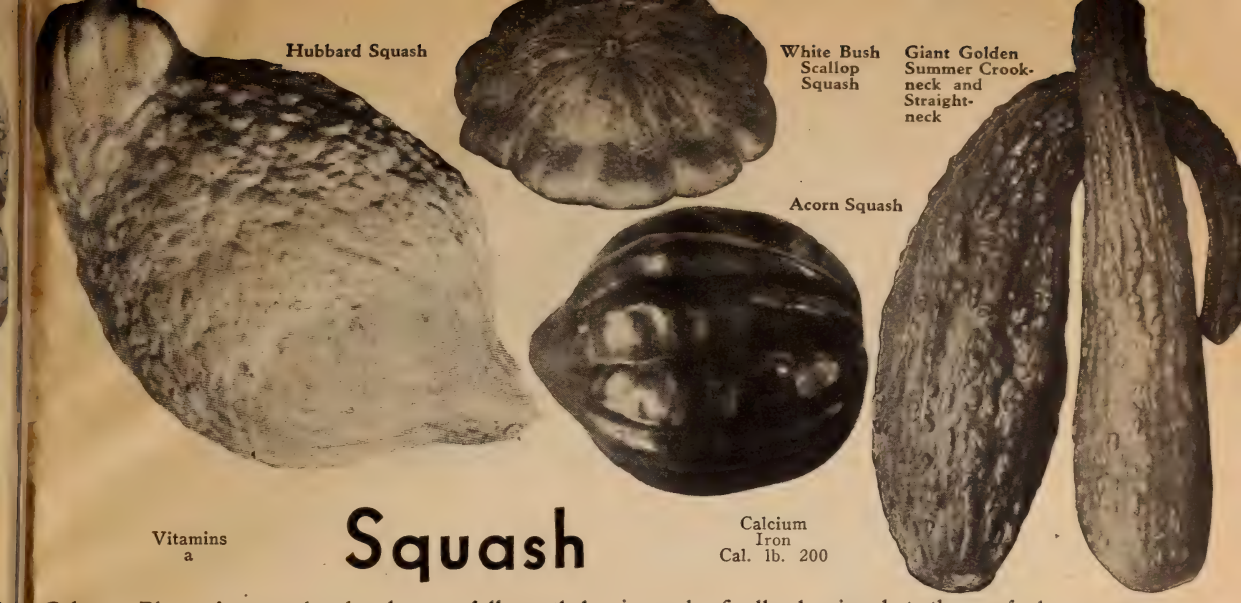
MAMMOTH RUSSIAN. Gigantic growth; heavy foliage, which is sometimes mixed with corn as ensilage; large flower heads, filled with seed. Use 10 to 12 pounds of seed to the acre. Pkt. 5 cts.; ¼ lb. 15 cts.; lb. 25 cts.; 5 lbs. 75 cts.

Special "Greens" Collection

TURNIP, Shogoin — SWISS CHARD, Lucullus
MUSTARD, Giant Curled — SPINACH, Juliana
1 Pkt. Each (Value 20 cts.), 15 cts.

Prof. Grey, Tennessee: *"Purchased seeds from you last year and they were wonderful"*

True Blue Booster



Vitamins
a

Squash

Calcium
Iron
Cal. lb. 200

Culture—Plant after weather has become fully settled and the ground is warm and dry, in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, finally leaving but three of the strongest plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones 1½ inches.

One ounce of seed makes 40 hills, 3 to 4 pounds to an acre

Fall and Winter Varieties

Acorn. **(Table Queen.)** Averages about 6 inches long by 4 inches wide, just right to serve one-half to a person. Color is a dark green, except when over-ripe, when it changes to buff; flesh is orange color and fine-grained. 75 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Livingston's Improved Cushaw. Crookneck sort, mottled green and white striped. Flesh yellow, solid, fine-grained and very sweet. 75 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Blue Hubbard. Large variety having a hard blue-gray shell. Long-keeping; good quality. 95 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.50.

Chicago Warted Hubbard. Large size; dark green color; a dense covering of knots indicates splendid quality; thick yellow flesh. 100 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.50.

LIVINGSTON'S PIE. Size, 8 to 10 inches in diameter; skin colored similar to the Golden Russet Apple; thick, yellow flesh. 90 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

GOLDEN or RED HUBBARD. Skin bright, rich orange-red; shell hard and warty; flesh deep golden yellow, fine-grained, cooks dry. 100 days. Pkt. 5c; ½ oz. 10c; oz. 15c; ¼ lb. 45c; lb. $1.50.

HUBBARD. Color bluish green. Flesh rich orange-yellow, fine-grained, sweet; long keeper. 100 days. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.50.

BOSTON MARROW. 90 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

GREGORY'S DELICIOUS. 80 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Summer Varieties

Early White Bush. **(Patty-Pan.)** Flat saucer-shaped fruits; scalloped edges; 6 to 8 inches in diameter; ready for use very early. Should be eaten when young and tender. 50 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Giant Golden Summer Crookneck. **The largest and best of all Summer Crookneck Squashes.** It is of dwarf, bushy habit and very productive, bearing early and all summer. The fruits are rich golden yellow, thickly warted. 58 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

GIANT GOLDEN STRAIGHTNECK. Same as above except has a straight neck. Ideal for packs. 58 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

FORDHOOK. Convenient small size for family use. Thick, dry, sweet flesh; thin skin; small seed cavity. Matures early; productive. Can be stored for winter. 60 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

MAMMOTH WHITE BUSH SCALLOP. Excellent large strain, 10 to 12 inches in diameter, and creamy white. 60 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

MAMMOTH YELLOW BUSH SCALLOP (Golden Custard). Deep orange in color, 8 to 10 inches in diameter. For early summer use. 60 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.

Italian Summer Squash

ZUCCHINI. A delicious light colored Italian variety. Should be used when about 5 to 6 inches long. Quarter lengthwise and serve same as Asparagus. 55 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. $1.35.

COCOZELLE. Oblong, 12 to 16 inches in length and 5 inches in diameter, slightly ribbed; color marbled yellow and dark green stripes. 60 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 45 cts.; lb. $1.40.

Livingston's Squash Mixture

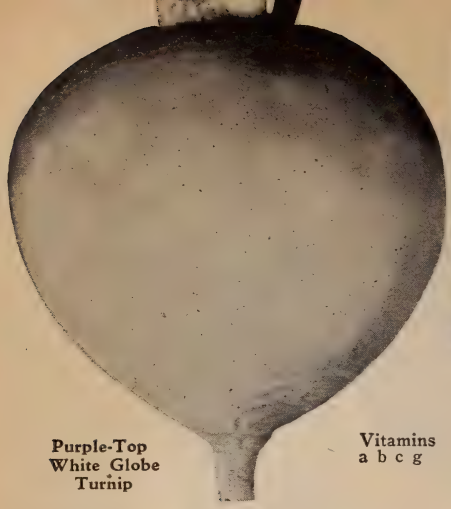
One sowing produces Squashes all season.
Large pkt. 5c; ½ oz. 10c; oz. 15c; ¼ lb. 35c.

Salsify or Oyster Plant

Culture—Good substitute for oysters. Sow early, in rows 1½ feet apart, and cover firmly 1 inch deep; thin to 3 inches apart. Will stand winter weather.

One oz. will sow 50 feet of drill; 8 lbs. will plant an acre

MAMMOTH SANDWICH ISLAND. Very uniform; mild flavor. 140 days. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 25 cts.; ¼ lb. 65 cts.; lb. $2.00.



Purple-Top White Globe Turnip

Japanese Shogoin Turnip

Vitamins a b c g

Turnips

Calcium Iron Cal. lb. 155

Purple-Top White Globe. **Most popular main-crop Turnip.** Roots are large, purple or dark red above ground, white below and when in best condition for the table, are about 3 inches in diameter. Flesh white, fine-grained, and tender. Popular for market and home garden use. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.; 5 lbs. $3.25.

Long White **or COW-HORN.** Long, slightly crooked; 70 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

Early White Egg. White flesh, firm, fine-grained, mild and sweet. 49 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

Purple-Top Strap-Leaf. Comes next to Purple-Top Globe in popularity. An early variety, very extensively used for the table. Leaves are few and upright in growth. Roots flat, of medium size, purple or dark red above ground, white below; flesh white, fine-grained, and tender. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.; 5 lbs. $3.00.

Seven Top. Cultivated extensively for the tops, which are used as greens. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 15 cts.; lb. 55 cts.

GOLDEN BALL or Orange Jelly. Rapid grower; globe-shaped; bright yellow. Best yellow sort for table use. 60 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

EARLY SNOWBALL. Medium-sized round Turnip; pure white; very fine flavor; flesh is fine-grained. One of the best. 54 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.

YELLOW OR AMBER GLOBE. Sweet; large; fine for table or stock. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 65 cts.

EARLY WHITE FLAT DUTCH. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.

Mrs. Emma Comstock, Gallia Co., Ohio: *"I raised some wonderful Tomatoes from seeds received from you last year."* R. Oscar Dixon, Pope Co., Ill.: *"I have planted your Ox-heart tomato seed several seasons and they not only produce what you claim for them, but, the tomato proves a good all season producer and a fine fruit for table use."*

The Sign of Highest Quality in

TOMATO SEEDS

This U. S. registered seal is on every package containing Tomato seed of our own introduction and growing. Buy Tomato seed under this seal and you won't be disappointed.

Complete Tomato listing on pages 10 to 14.

FOR TOBACCO, SEE PAGE 59

Culture.—Turnips serve the double purpose of summer greens and useful roots. Early varieties should be planted as soon as the ground is dry in April. Sowings of these and other later ones can be made as late as August or September. Early sowing should be in rows 12 to 15 inches apart, covering seed ½ inch and thinning to 3 to 4 inches apart in the row. Cultivate often and thoroughly. Late sowing can be broadcast rather than sown in rows.

One ounce of seed will sow 100 feet of drill; One to two pounds will plant an acre

Extra-Early Purple-Top Milan. **Earliest variety grown.** Roots are flat and an attractive purple-red on the upper portion. Tops small and upright and are therefore well adapted for forcing. Their quality is fine. Very smooth and almost transparent skin. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. 95 cts.

EXTRA-EARLY WHITE MILAN. Same as Purple-Top Milan except in color. 47 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. 95 cts.

Japanese Shogoin. It is the best combination variety for both bulbous roots and Tops for "greens" we have yet seen. The roots are white, semi-globe shaped, very sweet and mild. The tops or leaves are large, thick, juicy and stand erect. This variety is louse resistant and thrives even in the hottest dry weather. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

Vitamins b C

Rutabaga

Cal. lb. 185

(Swedish or Russian Turnip)

Rutabagas are more especially adapted to northern sections. They require a longer season for maturing, hence should be sown earlier than late turnips, or about June 15. Make rows 18 inches apart, cover seed 1 inch and thin to 6 inches in the row. Maturity 90 days.

Improved American Purple-Top. One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and not stringy. Valuable table variety. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

LARGE WHITE RUSSIAN. An excellent keeper and very desirable either for the table or for stock; roots very large, somewhat top-shaped; color white with a shade of green at the top. Flesh white. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

Mrs. Bertha C. Snyder, Hartford Co., Conn.: *"Thanking you for past favors with a word of appreciation for your promptness in filling order; also I thank you for the nifty little pocket 'Garden Guide.' It is ideal."*

"MY POCKET GARDEN GUIDE" Free with $1.50 orders for seeds. See page 2.

LIVINGSTON'S
SPRAYING AND DUSTING CALENDAR

A Home-Gardener's Summer Schedule For Most All Flowers, Vegetables, Shrubs, Etc.

CROPS	PEST	METHOD	WHEN TO APPLY	WHAT TO USE	HOW TO MIX AND APPLY
Shrubs Ornamentals Trees Roses Etc. Flowers Aster Calendula Dahlia Delphinium Foxglove Gladiolus Hollyhock Nasturtium Pansy Petunia Snapdragon Sweet Pea Zinnia and most others.	**Chewing Insects** All those that destroy foliage.	Dusting.	When pests first appear. Repeat as necessary.	Slug Shot Dust.	Follow directions on package.
		Spraying.	Same as above.	Pyrox. Red Arrow. Liquid Slug Shot.	Follow directions on packages.
	Sucking Insects All those that suck the sap, causing plant to dry up.	Dusting.	When insects appear.	Nicotine Pomo-Green	Follow directions on package.
		Spraying.	When insects appear. Repeat as necessary.	Red Arrow. Liquid Slug Shot. Black Leaf 40. Thrip Juice.	Follow directions on packages.
	Combination for chewing and sucking insects.	Dusting.	When insects appear.	Rotenone Dust.	Follow directions on package.
		Spraying.	When larvae or insects appear. Repeat as necessary.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Red Spider	Spraying.	When first observed by fine web on leaves.	Volck. Red Arrow. Thrip Juice.	Follow directions on packages.
	Cut Worm		In evening when first observed.	Poison Bran Bait.	See Page 85.
	Sod Web Worm Night Crawlers	Dusting.	When insects appear.	Arsenate of Lead.	1 Lb. to 100 Sq. Ft. watered in.
		Spraying.	When insects appear.	Red Arrow. Liquid Slug Shot.	Follow directions on packages.
	Diseases— Leaf Spot, Mildew, Rust, Rot, Blight, Etc.	Dusting.	When disease first appears. Repeat every 2 wk. as necessary.	Pomo-Green. Grape and Rose Dust. Bordeaux Mixture.	Follow directions on packages.
		Spraying.	Same as above.	Pyrox. Bordeaux.	Follow directions on packages.
	Combination for chewing insects and diseases in general	Spraying.	When insects or diseases first appear. Repeat as necessary	Pyrox. Bordeaux with Arsenate of Lead.	Follow directions on package. 3 tsp.—1 tsp.—1 Qt. Water. 8 Lbs.—2 Lbs.—50 Gal. Water.
	Combination for chewing and sucking insects.	Dusting.	Same as above.	Nicotine Pomo-Green.	Follow directions on package.
		Spraying.	Same as above.	Nicotine Pyrox.	Follow directions on package.
Beans	**Chewing and sucking Insects** Including Aphis and Beetles.	Spraying.	When larvae or insects first appear. Repeat as necessary.	Red Arrow. Liquid Slug Shot.	Follow directions on packages.
	Mexican Bean Beetles and other chewing insects.	Dusting.	When eggs and larvae appear. Repeat every 10 days.	Calcium Arsenate with Hydrated Lime.	1 to 9 parts by weights. Apply when plants are damp.
		Spraying.	Same as above.	Red Arrow. Calcium Arsenate with Hydrated Lime.	Follow directions on package. 1 oz.—2 oz.—4 gal. water or 1 Lb.—2 Lbs.—50 Gal. water.
	Diseases	Spraying.	Before blooms and frequently after bloom.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Vine Crops Cucumber Melon Pumpkin Squash	**Chewing and sucking insects** including Aphis and Beetles.	Spraying.	When plants are thru ground and at intervals.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Mexican Bean Beetles and other chewing insects.	Dusting.	As above. Treat under sides of leaves.	Calcium Arsenate with Land Plaster.	1 to 20 parts by weight. Apply when plants are damp.
	Diseases	Spraying.	When vines begin to run and at week intervals.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Potatoes	**Chewing insects** including Beetles.	Spraying.	Apply when larvae or pests appear.	Pyrox. Arsenate of Lead.	Follow directions on package. 1 tsp.—Qt. water. 1½ Lb.—50 Gal.
	Chewing and sucking insects including Aphis and Beetles.	Spraying.	Same as above.	Liquid Slug Shot. Red Arrow.	Follow directions on package.
	Diseases	Spraying.	When plants are 6-in. high and every 2 wks. Make 4 applications.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Tomatoes Eggplant Peppers	**Chewing and sucking insects** including Aphis and Beetles.	Spraying.	When larvae or insects appear.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Diseases	Spraying.	At 2 wk. intervals as necessary. Can treat in seed bed.	Bordeaux Mixture. Pyrox.	Follow directions on packages.

DAMPING OFF OF SEEDLINGS

"Damping Off" and Rots of Seedlings are actually caused by living germs that live in the soil. The most successful combatant is sterilization of the soil and seed or seed-pieces. We recommend the use of Formacide or Cuprocide for this purpose. It is offered on page 15.

If you wish information on the Dormant Spraying of fruit and shade trees, cane fruits, grapes, etc., ask for complete spray calendar.

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Tendergreen Bean

Gold Medal, 1933

If you want something exceptional try this fine-flavored, meaty, dwarf green bean. Pods round and entirely stringless; vines vigorous and productive. Just as good as its name indicates.

Pkt. 10c; ½ lb. 20c; Lb. 30c; 2 lbs. 55c; 3 lbs. 80c; 5 lbs. $1.25; 10 lbs. $2.20.

New Comet Radish

Award of Merit, 1936

Ball-shaped, bright scarlet, early, uniform variety. Grows to large size and stays crisp and solid long after others have become pithy.

Pkt. 5c; Oz. 15c; ¼ lb. 40c; Lb. $1.35.

Early Yellow Globe Onion

A new Globe strain featuring earliness, keeping qualities and ability to endure adverse conditions. Produces large, very solid onions.

Pkt. 5c; ¼ oz. 15c; ½ oz. 20c; Oz. 30c; ¼ lb. 85c.

Big 4 Collection Offer

The Four Varieties Above
½ lb. Corn and Beans
1 Pkt. Radish & Onion 50c

Golden Cross Bantam Corn

Stewart's Wilt-resistant Hybrid

One of the best Hybrids developed. Heavy yielding; uniform stalks and ears; withstands adverse conditions and resists Stewart's wilt. What more could one ask? Fully described on page 69.

Pkt. 15c; ½ lb. 35c; Lb. 60c; 2 lbs. $1.05; 3 lbs. $1.45.

A Whole Vegetable Garden for a $1. Bill

Livingston's Big $1.00 Collection of Vegetables

Beans, Stringless Green-Pod. Dwarf.
Beans, Kidney Wax. Yellow pod; dwarf.
Beet, Detroit Dark Red. Early; round.
Beet, Swiss Chard. Used for greens.
Cabbage, Copenhagen Market. Fine flavor.
Cabbage, Danish Ballhead Short-Stem.
Carrot, Danvers. Fine quality.
Cucumber, Davis Perfect. For pickles.
Cucumber, Extra-Early White Spine.
Corn, Golden Bantam. Early and sweet.
Kale, Siberian. Fine for greens.
Lettuce, Big Boston. Good heading sort.
Lettuce, Curled Simpson. Early leafy sort.
Muskmelon, Livingston's Tip-Top. Large; sweet.
Onion, Yellow Globe. Large; good keeper.
Parsnip, Hollow Crown. Sweet as sugar.
Parsley, Double Curled. Very fine.
Peas, Little Marvel. Dwarf; early.
Pepper, Mammoth Ruby King. Mild; fleshy.
Radish, Scarlet Globe. Round; red.
Radish, Cincinnati Market. Long; red.
Salsify, Mammoth Sandwich Island. Fine.
Spinach, Bloomsdale Long-Standing. Early.
Tomato, Livingston's Globe. Best slicer.
Turnip, Purple-Top White Globe. Fine sort.
Sweet Peas, Livingston's Special Mixture.

NO SUBSTITUTIONS PERMITTED

26 Packets $1.00 Postpaid

Livingston's Original "STONE" Tomato—Introduced by us in 1889—Offered on Page 10
For the most Complete List of "Worth-while" Tomatoes See Pages 10 to 14

THE LIVINGSTON SEED CO.

Famous for Tomatoes Since 1870

32-36 EAST SPRING ST., COLUMBUS, OHIO